AMENDMENT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		CONTRACT ID CODE	PAGE OF PAGES		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4 R	EQUISITION/PURCHASE REQ. NO.	IS PRO	1 IECT NO	2 (If applicable)
	24400 11 26 26 20 20 403 F35 S000 11 100			e Schedule	J. 1 NO.	JEOT NO.	(п аррисаото)
0051 6. ISSUED BY CODE	See Bloo	3K 16C		ADMINISTERED BY (If other than Item 6)	CODE		
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R	Agency			·		L	
Washington DC 20460							
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and	ZIP Code)	/v\	9A. AMENDMENT OF SOLICITATION NO.			
INDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	DRATED			9B. DATED (SEE ITEM 11)			
		ï	×	10A. MODIFICATION OF CONTRACT/ORDER NEP-W-12-013  10B. DATED (SEE ITEM 13)	0.		
CODE 007977887	FACILITY COL	)F		STORES STATE STATE OF THE STATE OF CONTRACT STAT			
				04/30/2012			_
☐ The above numbered solicitation is amended as set fo				DMENTS OF SOLICITATIONS  r receipt of Offers ☐ is exter			
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF 0 virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA (If required See Schedule 13. THIS ITEM ONLY APPLIES TO M	OFFERS PRIOR raiready submit prior to the ope	TO THE HOUR AND DA ted, such change may be ning hour and date specif	TE S mad fied.	SPECIFIED MAY RESULT IN REJECTION OF YO	OUR OFF r letter ma	ER. If by akes refer	ence
CHECK ONE A THIS CHANGE ORDER IS ISSUED B				The second of the second of the second secon	t to a community to a factor of the community of the comm	s sense	
ORDER NO. IN ITEM 10A.	CT/ORDER IS M I IN ITEM 14, PU	ODIFIED TO REFLECT T JRSUANT TO THE AUTH	THE HORI	NGES SET FORTH IN ITEM 14 ARE MADE IN T  ADMINISTRATIVE CHANGES (such as changes TY OF FAR 43.103(b).  DRITY OF:			
D. OTHER (Specify type of modification		C T		od Oceantity Cont Marco Con			
	NOTES THE RESERVE OF	H St H.		ed Quantity-Cost Type Con	50000	G .	
E. IMPORTANT: Contractor ☑ is not.  14. DESCRIPTION OF AMENDMENT/MODIFICATION   DUNS Number: 007977887	Organized by U		ludir	g solicitation/contract subject matter where feasib	ole.)		
Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 The purpose of this modifica Three (3) (Hours=1,000 Dolla	vices tion is	to exercise <u>C</u>	one	(1) Option Quantity in	Optic		
New Cost plus Fixed Fee Ceil $(b)(4)$ Fix Fee $(b)(4)$ Co.	ing for rrective	Option Period	d I	hree is \$831,110.06 (Cos fication 49 is also bein	t (b)(4 g don	ne via	
modification, due to the fact to date $(b)(4)$ has been paid out in fee under option							
period Two (2) leaving a balance of \$4,304.05. Corrective action to modification 49 is being done to reflect fee being transferred under Option 2 as (b)(4) and Cost as							.5
peing done to reflect fee be. Continued	ıny cran	sierrea unaer	_ (	/pcron z as <b>((b)(4)</b> and	COST	. as	
Except as provided herein, all terms and conditions of th	e document refe	renced in Item 9A or 10A	. as	heretofore changed, remains unchanged and in fi	ıll force aı	nd effect	
15A. NAME AND TITLE OF SIGNER (Type or print)			_	A. NAME AND TITLE OF CONTRACTING OFFICE			
			E	ulvid Rocque			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16	B. UNITED STATES OF AMERICA		160	C. DATE SIGNED
(Signature of person authorized to sign)					LICTROS SIGNATU		6/24/2015
(orginature or person authorized to sign)			1	(orginature or contracting Officer)			

 CONTINUATION SHEET
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NAME OF OFFEROR OR CONTRACTOR

TEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	<b>UNIT</b> (D)	UNIT PRICE (E)	AMOUNT (F)
	(b)(4) to balance out shortage in fee. The total amount of \$78,192.49 being moved from option period 2 to option period 3 via modification 49 stays the same. The contractor is not authorized to exceed the total cost plus fix fee and funding ceiling of this contract without prior approval by the Contracting Officer.				
	LIST OF CHANGES:				
	Quantity changed from 18000 to 17000 from \$729,380.37 to \$831,110.06				
	Delivery Location Code: OSWER/ORCR OSWER ORCR One Potomac Yard 2777 S Crystal Drive Crystal City VA 22202-3553				
	FOB: Destination Period of Performance: 04/30/2015 to 04/29/2016				

AMENDMENT OF SOLICITATION/MODI	FICATION OF	CONTRACT		CONTRACT ID CODE	F	PAGE OF	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIV	E DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PRC	JECT NO	3 . (If applicable)
0052	See Blo	ck 16C	See	Schedule			
6. ISSUED BY CO	DE SRRPOD		7. ADN	INISTERED BY (If other than Item 6)	CODE		
SRRPOD US Environmental Protectic Ariel Rios Building 1200 Pennsylvania Avenue, Mail Code: 3805R Washington DC 20460	2 2						
8. NAME AND ADDRESS OF CONTRACTOR (No., s	treet, county, State ar	d ZIP Code)	( <sub>4</sub> ) 9A.	AMENDMENT OF SOLICITATION NO.			-
INDUSTRIAL ECONOMICS, INCO: 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	2		9B. × 10A E.F	DATED (SEE ITEM 11)  . MODIFICATION OF CONTRACT/ORDER N $-W-12-013$ . DATED (SEE ITEM 13)	Ο.		
CODE 007977887	FACILITY CC	DE	0	4/30/2012			
	11 THIS II	EM ONLY APPLIES TO A		ENTS OF SOLICITATIONS			
☐ The above numbered solicitation is amended as so Offers must acknowledge receipt of this amendmentems 8 and 15, and returning separate letter or telegram which includes a referement PLACE DESIGNATED FOR THE RECEIPT virtue of this amendment you desire to change and to the solicitation and this amendment, and is received.	ont prior to the hour copies of the ame ince to the solicitati DF OFFERS PRIO offer already subm	and date specified in the s ndment; (b) By acknowledg on and amendment numbe R TO THE HOUR AND DA itted, such change may be	olicitation ging rec ers. FAI TE SPE made b	on or as amended, by one of the following met eipt of this amendment on each copy of the off LURE OF YOUR ACKNOWLEDGEMENT TO CCIFIED MAY RESULT IN REJECTION OF YO	nods: (a) er subm BE REC DUR OFI	itted; or (c) EIVED AT FER. If by	eting ) By
12. ACCOUNTING AND APPROPRIATION DATA (I	required)	Net	Inc	rease: \$2	28,26	52.47	
St. Contract of Street Contract Contrac	O MODIFICATION	OF CONTRACTS/ORDERS	S. IT MC	DDIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBE	D IN ITEM	14.
	RACT/ORDER IS I RTH IN ITEM 14, F	MODIFIED TO REFLECT T URSUANT TO THE AUTH	HE AD IORITY	ES SET FORTH IN ITEM 14 ARE MADE IN TO MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b).			
D. OTHER (Specify type of modification	ACTION OF THE PROPERTY OF THE						
X   B.6 Limitation of	<u> </u>	60 M 60 M			1000		
E. IMPORTANT: Contractor X is not 14. DESCRIPTION OF AMENDMENT/MODIFICATION Number: 007977887	ON (Organized by		luding s	olicitation/contract subject matter where feasib	ole.)		
Critical Function - This s Analytical Support (EAS) S Max Expire Date: 04/29/201	ervices	tract is for	Ecoi	nomics and Risk Analysi	s Sta	aff (I	ERAS)
The purpose of this modification Period Three (3) vi \$18,423.38 and requisition funding ceiling for option is \$831,110.06. The New To Continued	a requisit number PF period th tal Funds	tion number PF R-OSWER-15-003 Bree (3) is \$2 Obligated to	R-OST 372 : 263,6 Opt:	NER-15-00310 in the amore in the amount of \$9,839 592.40 and Cost plus Fi ion Period Three (3) is	unt ( .09. xed 1 \$50	of The r Fee Ce	new eiling OO. The
15A. NAME AND TITLE OF SIGNER (Type or print)				NAME AND TITLE OF CONTRACTING OFFIC			
			Eul	vid Rocque			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. l	UNITED STATES OF AMERICA	LICTRO	region	C. DATE SIGNED
(Signature of person authorized to sign)				(Signature of Contracting Officer)		0	6/30/2015

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NAME OF OFFEROR OR CONTRACTOR

TEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	contractor is not authorized to exceed the total		Н		
	cost plus fix fee and funding ceiling of this				
	contract without prior approval by the				
	Contracting Officer.				
	LIST OF CHANGES:				
	New Total Amount for this Version: \$831,110.06				
	Obligated Amount for this Modification: \$28,262.47				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-T-31P-303DD2-2585-1531SFP012-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1531SFP012-001				
	Quantity: 0				
	Amount: \$9,839.09				
	Percent: 1.18385				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01) 109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	14-15-B-31C-302DA1-2585-1531CPP007-001				
	Beginning FiscalYear 14				
	Ending Fiscal Year 15				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531CPP007-001				
	Quantity: 0				
	Amount: \$18,423.38				
	Percent: 2.21672				
	Continued				

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 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)		(D)		(F)
	Subject To Funding: N		$\vdash$		
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01) 109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Delivery Location Code: OSWER/ORCR OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01) 109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
			1		
			1		
			1		
NON 7540 04 45	1		<u> </u>		ODTIONAL FORM 220 (4.00)

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		CONTRACT ID CODE	PAG	GE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REC	L DUISITION/PURCHASE REQ. NO.	5. PROJEC	CT NO. (If applicable)
0053	See Block 16C				
6. ISSUED BY CODE	SRRPOD	7. ADI	MINISTERED BY (If other than Item 6)	CODE	
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R Washington DC 20460	3				
8. NAME AND ADDRESS OF CONTRACTOR (No., street	. county. State and ZIP Code)	9A	. AMENDMENT OF SOLICITATION NO.		
INDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340		98 × 10,	A. MODIFICATION OF CONTRACT/ORDER  -W-12-013  B. DATED (SEE ITEM 13)	R NO.	
CODE 007977887	FACILITY CODE		4/30/2012		
			IENTS OF SOLICITATIONS		
THE PLACE DESIGNATED FOR THE RECEIPT OF 0 virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA (If received See Schedule  13. THIS ITEM ONLY APPLIES TO M	r already submitted, such chan I prior to the opening hour and uired)	nge may be made l date specified.		n or letter make	es reference
	CT/ORDER IS MODIFIED TO F I IN ITEM 14, PURSUANT TO	REFLECT THE AD THE AUTHORITY	SES SET FORTH IN ITEM 14 ARE MADE IN MINISTRATIVE CHANGES (such as chang OF FAR 43.103(b). ITY OF:		
D. OTHER (Specify type of modification	and authority)				
X B.6 Limitation of fu	nds notice				
E. IMPORTANT: Contractor X is not,	is required to sign this doc	cument and return	copies to the issu	uing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887  Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017  The purpose of this modifica amount of (b)(4) to option the total cost plus fix fee without prior approval by the	vice contract is vices tion is to move period two (2) land funding cei	s for Eco funds fr Fee. The ling for	nomics and Risk Analys om option period two ( contractor is not auth	sis Staf (2) Cost norized	in the to exceed
Continued  Except as provided herein, all terms and conditions of th  15A. NAME AND TITLE OF SIGNER (Type or print)	e document referenced in Item	16A.	retofore changed, remains unchanged and in NAME AND TITLE OF CONTRACTING OF vid Rocque		
15B. CONTRACTOR/OFFEROR	15C. DATE S		UNITED STATES OF AMERICA		16C. DATE SIGNED
(Signature of person authorized to sign)			(Signature of Contracting Officer)	SIGNATURE	

 CONTINUATION SHEET
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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Payment:		Н		
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center				
	Mail Drop D143-02				
	109 TW Alexander Drive				
	Durham NC 27711				
	Period of Performance: 04/30/2015 to 04/29/2016				
I				•	

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		CONTRACT ID CODE	PA	GE OF	F PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	: DATE	4 R	EQUISITION/PURCHASE REQ. NO.	Is PROJE	1 CT NO	3 ), (If applicable)
0054	See Blo	,		-SRRPOD-15-00236	0.1 KOSE	.01110	. (II applicable)
6. ISSUED BY CODE	SRRPOD	CK 16C	7. /	ADMINISTERED BY (If other than Item 6)	CODE		
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R	Agency				L		
Washington DC 20460  8. NAME AND ADDRESS OF CONTRACTOR (No., street	county State and	d ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.			
INDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	•		×	9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER N EP-W-12-013  10B. DATED (SEE ITEM 13)	O.		
CODE 007977887	FACILITY COI	DE		04/30/2012			
	11. THIS ITE	 EM ONLY APPLIES TO AI	MEN	IDMENTS OF SOLICITATIONS			
CHECK ONE  A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	ODIFICATION C	OF CONTRACTS/ORDERS	\$. IT	MODIFIES THE CONTRACT/ORDER NO. AS DE INGES SET FORTH IN ITEM 14 ARE MADE IN TAMES ADMINISTRATIVE CHANGES (such as changes ITY OF FAR 43.103(b).	HE CONTR	RACT	14.
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED						
D. OTHER (Specify type of modification  X B.6 Limitation of fu		CO					
E. IMPORTANT: Contractor  ix is not.	NC NC NC NC NC NC	to sign this document and	retu	ırn copies to the issuing	n office		
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887 Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 Critical Function - This ser Analytical Support (EAS) Ser	(Organized by L vice con vices vice con	ICF section headings, inci	E C	ng solicitation/contract subject matter where feasit	ble.) s Staf		
The purpose of this modifica amount of \$4,231.37 (Account (Accounting information: 15-and 14-16-M3-3100EEN-302DA1X Continued  Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	ing info T-31P-30 Q1-2585-	rmation: and 3DD2-2585-HQC 1431CPP013-00	d f	Funding in the amount of SM00-1531SFP005-001 in am in amount \$3,789.16) fro	\$11,77 ount \$ m opti	77.9 \$798 Lon p	7 8.81 period
3. 3.3.1(1,7,6-3. pmily				ulvid Rocque		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	is
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		B. UNITED STATES OF AMERICA		160	C. DATE SIGNED
(Signature of person authorized to sign)			1 -	(Signature of Contracting Officer)			

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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY	ertoer careas	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	two (2) to Option Period Three (3). The New Total				
	Funds Obligated to Option Period Three (3) is				
	\$279,701.74. The contractor is not authorized to				
	exceed the total cost plus fix fee in the amount				
	of \$831,110.06 and funding ceiling in the amount				
	of \$279,701.74 for this contract option period				
	three (3) without prior approval by the				
	Contracting Officer.				
	LIST OF CHANGES:				
	Reason for Modification : Funding Only Action				
	CHANGES FOR LINE ITEM NUMBER: 3				
	Obligated Amount for this modification:				
	-\$11,777.97				
	Incremental Funded Amount changed from				
	\$907,750.19 to \$895,972.22				
	CHANGES FOR ACCOUNTING CODE:				
	14-16-M3-3100EEN-302DA1XQ1-2585-1431CPP013-001				
	Amount changed from \$150,094.00 to \$146,304.84				
	Percent changed from 21.12056 to 11.20763				
	CHANGES FOR ACCOUNTING CODE:				
	15-T-31P-303DD2-2585-HQ00BM00-1531SFP005-001				
	Amount changed from \$35,774.98 to \$27,786.17				
	Percent changed from 2.74053 to 2.12855				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Obligated Amount for this modification: \$16,009.34				
	Incremental Funded Amount changed from				
	\$263,692.40 to \$279,701.74				
	CHANCEC FOR ACCOUNTING CODE.				
	CHANGES FOR ACCOUNTING CODE: 15-T-31P-303DD2-2585-HQ00BM00-1531SFP005-001				
	,				
	Amount changed from \$23,588.24 to \$31,577.05 Percent changed from 3.75818 to 3.79938				
	rereent changed from 3.73010 to 3.79930				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	14-16-M3-3100EEN-302DA1XQ1-2585-1431CPP013-001				
	Beginning FiscalYear 14				
	Ending Fiscal Year 16				
	Fund (Appropriation) M3				
	Budget Organization 3100EEN				
	Program (PRC) 302DA1XQ1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1431CPP013-001				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Quantity: 0				
	Amount: \$3,789.16				
	Percent: .45592				
	Subject To Funding: N				
	Payment Address:				
	raymone madeos.				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	13-T-31C-303DD2-2585-HQ00BM00-1431SFP013-001				
	Beginning FiscalYear 13				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31C				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1431SFP013-001				
	Quantity: 0				
	Amount: \$4,231.37				
	Percent: .50912				
	Subject To Funding: N				
	Payment Address:				
	CHANGES FOR LINE ITEM NUMBER: 121				
	Obligated Amount for this modification: -\$4,231.37				
	Incremental Funded Amount changed from				
	\$259,013.60 to \$254,782.23				
	GUANGES FOR AGGOUNTING CORE.				
	CHANGES FOR ACCOUNTING CODE:				
	13-T-31C-303DD2-2585-HQ00BM00-1431SFP013-001				
	Amount changed from \$39,877.92 to \$35,646.55				
	Percent changed from 13.81187 to 12.34632				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				

AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		CONTRACT ID CODE		PAGE OF	PAGES
2. AMENDMEN	NT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	L UISITION/PURCHASE REQ. NO.	5. PR	DJECT NO	. (If applicable)
0055		See Blo	ck 16C	See	Schedule			
6. ISSUED BY	CODE	SRRPOD		7. ADN	MINISTERED BY (If other than Item 6)	CODE		
Ariel R 1200 Per Mail Co	ronmental Protection ios Building nnsylvania Avenue, N. de: 3805R ton DC 20460	2 2						
	ADDRESS OF CONTRACTOR (No., street	, county, State and	ZIP Code)	(x) 9A.	AMENDMENT OF SOLICITATION NO.			-
2067 MAS	AL ECONOMICS, INCORPOSES AVE STE 4 SE MA 021401340	DRATED		× 104 E E	DATED (SEE ITEM 11)  A. MODIFICATION OF CONTRACT/ORDER NO $2-W-12-013$ B. DATED (SEE ITEM 13)	O.		
CODE 00	7077007	FACILITY COL	)F	0.000	AND THE PROPERTY AND THE CONTRACT OF THE PROPERTY OF THE PROPE			
	7977887 				4/30/2012			
	numbered solicitation is amended as set fo	to the appropriate the state	second residence distance de company and extremit to	900 BAL WEE	ceipt of Offers		☐ is not e	
THE PLACE virtue of this to the solicits	EDESIGNATED FOR THE RECEIPT OF ( amendment you desire to change an offe ation and this amendment, and is received ING AND APPROPRIATION DATA (If req edule	OFFERS PRIOR r already submit d prior to the ope	TO THE HOUR AND DA ted, such change may be ning hour and date specif Net	TE SPE made b ied. Inc	LURE OF YOUR ACKNOWLEDGEMENT TO BE CIFIED MAY RESULT IN REJECTION OF YOUR telegram or letter, provided each telegram or rease:  \$2  DIFFIES THE CONTRACT/ORDER NO. AS DES	letter n	FER. If by makes refer	rence
CHECK ONE		CT/ORDER IS M I IN ITEM 14, PU	ODIFIED TO REFLECT T JRSUANT TO THE AUTH	HE AD	ES SET FORTH IN ITEM 14 ARE MADE IN THE MINISTRATIVE CHANGES (such as changes in OF FAR 43.103(b).			
-	D. OTHER (Specify type of modification	and authority)						
Х	B.6 Limitation of funds n	otice & H.	6 (EPAAR 1552.2	17-73	) Option for Increased Quanti	ty-C	ost Typ	e Contract
E. IMPORTAN	T: Contractor X is not.	is required t	o sign this document and	return	copies to the issuing	office.		
DUNS Num Critical	mber: 007977887	vice con			olicitation/contract subject matter where feasib	·	aff (I	ERAS)
Critical Analytic The purp	cal Support (EAS) Ser	vices tion is	to exercise <u>C</u>	ne	nomics and Risk Analysis  (1) Option Quantity in (	Opti		
					cee is \$932,839.75 (Cost		4)	1110
(b)(4) Fix \$264,589 Continue	Fee(b)(4) Th. 0.03 to Option Period ed	is modif Three (	ication also 3). The New T	obl: otal	igates funding in the ar I Funds Obligated to Opt	noun	t of Peri	
15A. NAME AN	ND TITLE OF SIGNER (Type or print)				NAME AND TITLE OF CONTRACTING OFFICE  vid Rocque	ER (Ty	pe or print,	
15B. CONTRA	CTOR/OFFEROR		15C. DATE SIGNED	16B. U	UNITED STATES OF AMERICA	LCTRO	ONIC	C. DATE SIGNED
-	(Signature of person authorized to sign)			- '	(Signature of Contracting Officer)		0	7/14/2015

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
(/	Three (3) is \$544,290.77. The contractor is not	1 - 1		(=/	(-)
	authorized to exceed the total cost plus fix fee				
	and funding ceiling of this contract without				
	prior approval by the Contracting Officer.				
	LIST OF CHANGES:				
	Obligated Amount for this Modification:				
	\$264,589.03				
	New Total Obligated Amount for this Award:				
	\$2,661,457.50				
	Incremental Funded Amount changed: from				
	\$2,396,868.47 to \$2,661,457.50				
	CHANGES FOR LINE ITEM NUMBER: 22				
	Quantity changed from 8000 to 9000				
	CHANGES FOR LINE ITEM NUMBER: 14				
	Total Amount changed				
	from \$1,729,404.73 to \$1,627,675.04				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Total Amount changed				
	from \$831,110.06 to \$932,839.75				
	Obligated Amount for this modification:				
	\$264,589.03				
	Incremental Funded Amount changed from				
	\$279,701.74 to \$544,290.77				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31H-302DA1-2585-1531HMP016-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31H				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531HMP016-001				
	Quantity: 0				
	Amount: \$32,166.00				
	Percent: 3.87025				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive Continued				
	concinued				

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 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	www2.epa.gov/financial/contracts		H		
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	14-15-B-7500EEN-302DA1-2504-1575F15004-001				
	Beginning FiscalYear 14				
	Ending Fiscal Year 15				
	Fund (Appropriation) B				
	Budget Organization 7500EEN				
	Program (PRC) 302DA1				
	Budget (BOC) 2504				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1575F15004-001				
	Quantity: 0 Amount: \$31,925.00				
	Percent: 3.84125				
	Subject To Funding: N				
	Payment Address:				
	Taymone mareset				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31H-302DA1-2585-1531HMP014-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31H Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531HMP014-001				
	Quantity: 0				
	Amount: \$83,000.00				
	Percent: 9.98664				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	Continued				
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NAME OF OFFEROR OR CONTRACTOR

MNO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
<i>A</i> )	(B)	(C)	(D)	(E)	(F)
	15-T-31P-303DD2-2585-1531SFP013-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1531SFP013-001				
	Quantity: 0				
	Amount: \$46,459.19				
	Percent: 5.59002				
	Subject To Funding: N				
	Payment Address:				
	<u> </u>				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01) 109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31C-302DA1-2585-1531PDP020-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531PDP020-001				
	Quantity: 0				
	Amount: \$55,249.84				
	Percent: 6.64772				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
.)	(B)	(C)	(D)	(E)	(F)
	15-16-B-31C-302DA1-2585-1531CPP003-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531CPP003-001				
	Quantity: 0				
	Amount: \$15,789.00				
	Percent: 1.89975				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	CHANGES FOR LINE ITEM NUMBER: 23				
	Quantity changed from 17000 to 16000				
	guarretey changed from 17000 to 10000				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
		1	ı		

AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE	P	AGE OF PAGES
2. AMENDMEN	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJ	ECT NO. (If applicable)
0056		See Block 16C	700 199901799	RRPOD-14-00003	25.00 <b>5</b> .5	
6. ISSUED BY	CODE	SRRPOD	7. ADN	MINISTERED BY (If other than Item 6)	CODE	
Ariel R 1200 Per Mail Co	ronmental Protection ios Building nnsylvania Avenue, N. de: 3805R	Agency				L
	ton DC 20460	to the latter the patenthings and table to				
INDUSTRI 2067 MAS	ADDRESS OF CONTRACTOR (No., stree) AL ECONOMICS, INCORPOSES AVE STE 4 SE MA 021401340	,	9B. X 10A	AMENDMENT OF SOLICITATION NO.  DATED (SEE ITEM 11)  A. MODIFICATION OF CONTRACT/ORDER IS NOT 12 - 013  B. DATED (SEE ITEM 13)	NO.	
CODE 00	7977887	FACILITY CODE	─ l <sub>o</sub>	4/30/2012		
		11. THIS ITEM ONLY APPLIE				
separate lett THE PLACE virtue of this to the solicit	ter or telegram which includes a reference. DESIGNATED FOR THE RECEIPT OF amendment you desire to change an offeation and this amendment, and is received ING AND APPROPRIATION DATA (If received a line).	to the solicitation and amendmen OFFERS PRIOR TO THE HOUR r already submitted, such change d prior to the opening hour and da juired)	nt numbers. FAI AND DATE SPE may be made to ate specified.	eipt of this amendment on each copy of the o LURE OF YOUR ACKNOWLEDGEMENT TO ECIFIED MAY RESULT IN REJECTION OF Y by telegram or letter, provided each telegram or EXECUTED STATES THE CONTRACT/ORDER NO. AS DI	D BE RECE OUR OFFE or letter ma	EIVED AT ER. If by kes reference
CHECK ONE	VIETO, PROGRAMA SCHOOL			ES SET FORTH IN ITEM 14 ARE MADE IN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Additional Control of the Control of
	C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUAN		MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b). TY OF:	s in paying	office,
NODE	D. OTHER (Specify type of modification	and the second s	-	was to the		
X	H.6 (EPAAR 1552.217-	73) Option for I	ncreased	Quantity-Cost Type Cor	ntract	- 
E. IMPORTANT 14. DESCRIPT DUNS Num	TION OF AMENDMENT/MODIFICATION	is required to sign this docun		copies to the issuir olicitation/contract subject matter where feas		
Analytic Max Expi Critical	cal Support (EAS) Ser re Date: 04/29/2017	vices vice contract is		nomics and Risk Analysi nomics and Risk Analysi		
Three (3 hours eq The New Continue Exceptas prov	(Hours=1,000 Dolla qual to (Cost (b)(4) Cost plus Fixed Fee	rs \$101,729.69 (0 Fix Fee Ceiling for Option	Cost (b)(4) (b)(4) on Period A or 10A, as her	d Three is \$1,136,299.1 etofore changed, remains unchanged and in INAME AND TITLE OF CONTRACTING OFF	D)(4)	2000
15B. CONTRA	CTOR/OFFEROR	15C. DATE SIG	NED 16B. (	vid Rocque JNITED STATES OF AMERICA	LUCTROS	
9	(Signature of person authorized to sign)			(Signature of Contracting Officer)	SIGNATU	07/20/2015

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NAME OF OFFEROR OR CONTRACTOR

NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
)	(B)	(C)	(D)	(E)	(F)
	(Cost $(b)(4)$ Fix Fee $(b)(4)$ and				
	Total Funds Obligated to Option Period Three (3)				
	is \$544,290.77. The contractor is not authorized				
	to exceed the total cost plus fix fee and funding				
	ceiling of this contract without prior approval				
	by the Contracting Officer.				
	LIST OF CHANGES:				
	Reason for Modification : Other Administrative				
	Action				
	CHANGES FOR LINE ITEM NUMBER: 15				
	Total Amount changed				
	from \$2,089,007.40 to \$1,885,548.02				
	CHANGES FOR TIME THEM NUMBER. 22				
	CHANGES FOR LINE ITEM NUMBER: 22 Quantity changed from 9000 to 11000				
	Quantity changed from 9000 to from				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Total Amount changed				
	from \$932,839.75 to \$1,136,299.13				
	CHANGES FOR LINE ITEM NUMBER: 23				
	Quantity changed from 16000 to 14000				
	Dolingur Logotics Code, OCHED/ODCD				
	Delivery Location Code: OSWER/ORCR OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
			1 I		

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF COM	NTRACT	CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DA	ATE 4. R	EQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0057	See Block	16C See	e Schedule	~ ~
6. ISSUED BY CODE	SRRPOD		ADMINISTERED BY (If other than Item 6)	CODE
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R Washington DC 20460	-			
8. NAME AND ADDRESS OF CONTRACTOR (No., stree	t county State and 7/6	Code)	9A. AMENDMENT OF SOLICITATION NO.	
NAME AND ADDRESS OF CONTRACTOR (No., siree INDUSTRIAL ECONOMICS, INCORP 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	70	(\lambda)	9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDE $EP - W - 12 - 013$	ER NO.
			10B. DATED (SEE ITEM 13)	
CODE 007977887	FACILITY CODE		04/30/2012	
	11. THIS ITEM	ONLY APPLIES TO AMEN	DMENTS OF SOLICITATIONS	
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is receive 12. ACCOUNTING AND APPROPRIATION DATA (If receive See Schedule	OFFERS PRIOR TO er already submitted d prior to the openin	O THE HOUR AND DATE S , such change may be mad g hour and date specified.	SPECIFIED MAY RESULT IN REJECTION O	F YOUR OFFER. If by
St. St. of Washington Standard Control of the Standard Control of	ODIFICATION OF C	CONTRACTS/ORDERS. IT	MODIFIES THE CONTRACT/ORDER NO. AS	DESCRIBED IN ITEM 14.
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTI C. THIS SUPPLEMENTAL AGREEMEN	CT/ORDER IS MOD H IN ITEM 14, PURS IT IS ENTERED INT	IFIED TO REFLECT THE SUANT TO THE AUTHOR	NGES SET FORTH IN ITEM 14 ARE MADE  ADMINISTRATIVE CHANGES (such as chan TY OF FAR 43.103(b).  DRITY OF:	
D. OTHER (Specify type of modification				
X B.6 Limitation of fu	inds notice	9		
E. IMPORTANT: Contractor X is not.	is required to s	ign this document and retu	rn copies to the iss	suing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887 Critical Function - This ser	vice contr	2		·
Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 This modification obligates (3). The New Total Funds Obl contractor is not authorized this contract without prior	funding in igated to to exceed	Option Period	Three (3) is \$908,846 st plus fix fee and fu	.31. The
CHANGES FOR LINE ITEM NUMBER  Obligated Amount for this mo  Continued  Except as provided herein, all terms and conditions of the	dification			in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16	A. NAME AND TITLE OF CONTRACTING O	
15B. CONTRACTOR/OFFEROR	15		B. UNITED STATES OF AMERICA	16C. DATE SIGNED  LUIGI RONIG SIGNATURL  07/30/2015
(Signature of person authorized to sign)	l l		(Signature of Contracting Officer)	

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Incremental Funded Amount changed from				
	\$544,290.77 to \$908,846.31				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31H-302DA1-2585-1531HMP021-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31H				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531HMP021-001				
	Quantity: 0				
	Amount: \$130,000.00				
	Percent: 11.44065				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Dulliam NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-TR2B-02D-501EC7-2505-C001-1502HE1193-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year				
	Fund (Appropriation) TR2B				
	Budget Organization 02D				
	Program (PRC) 501EC7				
	Budget (BOC) 2505				
	Job # (Site/Project) 02RMNS00				
	Cost Organization C001				
	DCN-LineID 1502HE1193-001				
	Quantity: 0				
	Amount: \$32,394.68				
	Percent: 2.85089				
	Subject To Funding: N				
	Payment Address:				
	-				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	14-16-M3-3100EEN-302DA1XQ1-2585-1531CPP008-001				
	Continued				
	Concinued				

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NAME OF OFFEROR OR CONTRACTOR

(A)	(B)	(C)	(D)	(E)	
		( )	(D)	(E)	(F)
	Beginning FiscalYear 14				
	Ending Fiscal Year 16				
	Fund (Appropriation) M3				
	Budget Organization 3100EEN				
	Program (PRC) 302DA1XQ1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531CPP008-001				
	Quantity: 0				
	Amount: \$60,561.83				
	Percent: 5.32974				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-T-31C-303DD2-2585-1531SFP015-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31C				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1531SFP015-001				
	Quantity: 0				
	Amount: \$116,599.03				
	Percent: 10.2613				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	14-15-B-7500EEN-302DA1-2504-1575F15002-001				
	Continued				
	John Lindou				

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	et over these	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Beginning FiscalYear 14		Н		
	Ending Fiscal Year 15				
	Fund (Appropriation) B				
	Budget Organization 7500EEN				
	Program (PRC) 302DA1				
	Budget (BOC) 2504				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1575F15002-001				
	Quantity: 0				
	Amount: \$25,000.00				
	Percent: 2.20012				
	Subject To Funding: N				
	Payment Address:				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
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AMENDMENT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		CONTRACT ID CODE		PAGE OF	PAGES		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PRO	JECT NO	∠ . (If applicable)		
0058	See Blo	ck 16C	PR-SRRPOD-15-00284						
6. ISSUED BY CODE	SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE						
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R Washington DC 20460	2 2								
8. NAME AND ADDRESS OF CONTRACTOR (No., street	county State and	1.7IP.Code)	Іда	AMENDMENT OF SOLICITATION NO.					
INDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340			9B. × 104 E.E.	DATED (SEE ITEM 11)  . MODIFICATION OF CONTRACT/ORDER N $-W-12-013$ 5. DATED (SEE ITEM 13)	O.				
CODE 007977887	FACILITY COL	DE	10	4/30/2012					
				ENTS OF SOLICITATIONS					
CHECK ONE  A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	uired)  DDIFICATION C  PURSUANT TO:	F CONTRACTS/ORDERS	CHANG	DDIFIES THE CONTRACT/ORDER NO. AS DES ES SET FORTH IN ITEM 14 ARE MADE IN TO MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b).	HE CON	NTRACT	14.		
C. THIS SUPPLEMENTAL AGREEMEN  D. OTHER (Specify type of modification	and authority)		THOR	TY OF:					
X B.6 Limitation of fu	nds noti	.ce							
E. IMPORTANT: Contractor 🗵 is not,	is required t	to sign this document and	return	copies to the issuing	office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887  Critical Function - This servant (EAS) Servant (	vice con vices  nt ID: 1  od three invoice	tract is for  4-15-B-31C-30  , (3) to optinumber 45 dat	Ecoi 22DA: lon p	nomics and Risk Analysis 1-2585-1531CPP007-001) Deriod two, (2) to cove 8/17/2015 covering cost	s St is b r In	eing dustr	ial		
Obligated Amount for this modeontinued  Except as provided herein, all terms and conditions of the			, as her	etofore changed, remains unchanged and in fu	II force a	and effect.			
15A. NAME AND TITLE OF SIGNER (Type or print)		- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	16A. I	NAME AND TITLE OF CONTRACTING OFFICE					
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		vid Rocque INITED STATES OF AMERICA		160	C. DATE SIGNED		
(Signature of person authorized to sign)				(Signature of Contracting Officer)		_			

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NAME OF OFFEROR OR CONTRACTOR

	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
.)	(B)	(C)	(D)	(E)	(F)
	Incremental Funded Amount changed from				
	\$895,972.22 to \$896,265.59				
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	14-15-B-31C-302DA1-2585-1531CPP007-001				
	Beginning FiscalYear 14				
	Ending Fiscal Year 15				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531CPP007-001				
	Quantity: 0				
	Amount: \$293.37				
	Percent: .02247	1			
	Subject To Funding: N				
	Payment Address:				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Obligated Amount for this modification: -\$293.37				
	Incremental Funded Amount changed from				
	\$908,846.31 to \$908,552.94				
	Control to the Control of the Contro				
	CHANGES FOR ACCOUNTING CODE:				
	14-15-B-31C-302DA1-2585-1531CPP007-001				
	Amount changed from \$18,423.38 to \$18,130.01				
	Percent changed from 2.21672 to 1.59553				
	-				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	FOB: Destination	1			
	Period of Performance: 04/30/2015 to 04/29/2016	1			
		1			
		1			
		1			
		1			

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF COM	ITRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DA	TE 4. F		5. PROJECT NO. (If applicable)
0059	See Block	16C Se	e Schedule	
6. ISSUED BY CODE	SRRPOD	7.	ADMINISTERED BY (If other than Item 6)	CODE
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R	-			
Washington DC 20460	4	20-4-1	OA AMENDMENT OF COLICITATION NO	
8. NAME AND ADDRESS OF CONTRACTOR (No., stree INDUSTRIAL ECONOMICS, INCORP 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	70	(X)	9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORD EP-W-12-013	ER NO.
	T=+=++=+===		10B. DATED (SEE ITEM 13)	
CODE 007977887	FACILITY CODE		04/30/2012	
	11. THIS ITEM	ONLY APPLIES TO AME	IDMENTS OF SOLICITATIONS	
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA (If red See Schedule	OFFERS PRIOR TO er already submitted d prior to the openin- quired)	THE HOUR AND DATE such change may be ma g hour and date specified Net I	SPECIFIED MAY RESULT IN REJECTION C de by telegram or letter, provided each telegr ncrease:	DF YOUR OFFER. If by ram or letter makes reference
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION OF C	ONTRACTS/ORDERS. I	MODIFIES THE CONTRACT/ORDER NO. A	S DESCRIBED IN ITEM 14.
	CT/ORDER IS MOD H IN ITEM 14, PURS	IFIED TO REFLECT THE SUANT TO THE AUTHOR	ANGES SET FORTH IN ITEM 14 ARE MADE  ADMINISTRATIVE CHANGES (such as chailty OF FAR 43.103(b).  ORITY OF:	
D. OTHER (Specify type of modification	and authority)			
X B.6 Limitation of fu		2		
E. IMPORTANT: Contractor X is not,	NOTE OF THE REST OF	gn this document and ret	urn copies to the is	ssuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887		Company to the part of remark or the to the resident and the them to the		and a state of the
Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 Critical Function - This ser Analytical Support (EAS) Ser	vices vice contr			
This modification obligates The New Total of Funds Oblig is not authorized to exceed contract without prior appro Continued Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	ated to Op the total val by the	tion Period 'cost plus fi: Contracting	Three (3) is \$996,979.7 fee and funding ceili	78. The contractor ing of this dinfull force and effect.
		E	ulvid Rocque	
15B. CONTRACTOR/OFFEROR	15		B. UNITED STATES OF AMERICA	16C. DATE SIGNED  LULGINOSIG SIGNATURE 09/03/2015

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

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 2
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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY	SUPPLY STATE	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 4				
	Obligated Amount for this modification: \$88,426.84				
	Incremental Funded Amount changed from				
	\$908,552.94 to \$996,979.78				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	14-16-M3-3100EEN-302DA1XQ1-2585-1531CPP009-001				
	Beginning FiscalYear 14				
	Ending Fiscal Year 16				
	Fund (Appropriation) M3				
	Budget Organization 3100EEN				
	Program (PRC) 302DA1XQ1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531CPP009-001				
	Quantity: 0				
	Amount: \$26,708.02				
	Percent: 2.35044				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	2010-104-3 MOVE 1010-101-000-000-000-000-000-000-000-00				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-T-01P-501EC7-2505-C002-1501PEP503-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 01P				
	Program (PRC) 501EC7				
	Budget (BOC) 2505				
	Job # (Site/Project) 01GBQV00				
	Cost Organization C002				
	DCN-LineID 1501PEP503-001				
	SEE PROPERTY DE VOINT DE CONTRACT DE SEE SECTION DE SE SECTION DE SES DE LA CONTRACTION DE SECTION				
	Quantity: 0				
	Amount: \$11,718.82				
	Percent: 1.03131				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	Continued				
E 40 04 4E					

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31H-302DA1-2585-1531HMP017-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31H				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531HMP017-001				
	Quantity: 0				
	Amount: \$50,000.00				
	Percent: 4.40025				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts Durham NC 27711				
	Duritam NC 27/11				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
			l		

AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE	OF PAGES	
2. AMENDMEI	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)
0060		See Block 16C	See	Schedule		
6. ISSUED BY	CODE	SRRPOD	7. ADN	MINISTERED BY (If other than Item 6)	CODE	
Ariel R 1200 Pe: Mail Co	ronmental Protection ios Building nnsylvania Avenue, N. de: 3805R	-				
	ton DC 20460	s assumes Chala and 7/D Cada)	IOA	AMENDMENT OF SOLICITATION NO		
INDUSTRI 2067 MAS	ADDRESS OF CONTRACTOR (No., stree TAL ECONOMICS, INCORPOSS AVE STE 4 SE MA 021401340	,	98. × 10/	DATED (SEE ITEM 11)  M. MODIFICATION OF CONTRACT/ORDER NOT 2 - 0 1 3	NO.	
			10E	3. DATED (SEE ITEM 13)		
CODE 00	7977887	FACILITY CODE	0	4/30/2012		
		11. THIS ITEM ONLY APP	LIES TO AMENDA	ENTS OF SOLICITATIONS		
THE PLACE virtue of this to the solicit	E DESIGNATED FOR THE RECEIPT OF s amendment you desire to change an offe lation and this amendment, and is received FING AND APPROPRIATION DATA (If rec	OFFERS PRIOR TO THE HOU r already submitted, such char I prior to the opening hour and	JR AND DATE SPE nge may be made b	LURE OF YOUR ACKNOWLEDGEMENT TO CCIPIED MAY RESULT IN REJECTION OF Y by telegram or letter, provided each telegram or rease:	OUR OFFER.	If by reference
Dee Dell	Providence & vest receival i	ODIEICATION OF CONTRACT	rs/ODDEDS IT M	ODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN I	TEM 14
		CT/ORDER IS MODIFIED TO I I IN ITEM 14, PURSUANT TO T IS ENTERED INTO PURSU	REFLECT THE AD THE AUTHORITY	ES SET FORTH IN ITEM 14 ARE MADE IN T MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b).		
X	B.6 Limitation of fu	nds notice				
E. IMPORTAN	T: Contractor X is not,	is required to sign this doc	cument and return	copies to the issuin	ıg office.	
DUNS Num Critical Analytic Max Expi Critical	mber: 007977887 l Function - This ser cal Support (EAS) Ser ire Date: 04/29/2017	vice contract i vices vice contract i	s for Eco	olicitation/contract subject matter where feasi nomics and Risk Analysi nomics and Risk Analysi	s Staff.	
The New contract this cor Continue Exceptas pro	Total of Funds Oblig tor is not authorized ntract without prior ed	ated to Option to exceed the approval by the	Period The total cost Contract:	\$42,199.89 to Option Face (3) is \$1,039,179.65 plus fix fee and funding Officer.  endoore changed, remains unchanged and in Fixame AND TITLE OF CONTRACTING OFFIce vid Rocque	57. The ling cei	ling of
9	ACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE S			LICTRONIC	16C. DATE SIGNED 09/23/2015

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	LIST OF CHANGES:				
	Obligated Amount for this modification: \$42,199.89				
	Incremental Funded Amount changed from \$996,979.78 to \$1,039,179.67				
	\$996,979.78 to \$1,039,179.67				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31M-302DA1-2585-1531MRP024-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31M Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531MRP024-001				
	Quantity: 0				
	Amount: \$42,199.89				
	Percent: 3.7138 Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts Durham NC 27711				
	Durnam NC 2//II				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive Crystal City VA 22202-3553				
	Crystal City VA 22202-3333				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				

AMENDMENT	OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		CONTRACT ID CODE		PAGE OF	PAGES
2. AMENDMENT/	MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PR	DJECT NO	. (If applicable)
0061		See Blo	ck 16C	See	Schedule			
6. ISSUED BY	CODE	SRRPOD		7. ADN	IINISTERED BY (If other than Item 6)	CODE		
Ariel Ric 1200 Penn Mail Code	onmental Protection os Building asylvania Avenue, N. on DC 20460	2 2						
	DDRESS OF CONTRACTOR (No., street	, county, State and	I ZIP Code)	( <sub>V</sub> ) 9A.	AMENDMENT OF SOLICITATION NO.			-
INDUSTRIA 2067 MASS	L ECONOMICS, INCORPO AVE STE 4 MA 021401340			× 104 × EE	DATED (SEE ITEM 11)  . MODIFICATION OF CONTRACT/ORDER NO -W-12-013	<b>)</b> .		
CODE		TEACH ITY COL	)-	(1/23)	B. DATED (SEE ITEM 13)			
CODE 0079	977887	FACILITY COL			4/30/2012			
	nbered solicitation is amended as set fo				ENTS OF SOLICITATIONS  ceipt of Offers   is exten		☐ is not e	
THE PLACE Di virtue of this an to the solicitation	ESIGNATED FOR THE RECEIPT OF ( nendment you desire to change an offer on and this amendment, and is received G AND APPROPRIATION DATA (If req lule	OFFERS PRIOR r already submit d prior to the ope uired)	TO THE HOUR AND DA ted, such change may be ening hour and date specif	TE SPE made t fied.	LURE OF YOUR ACKNOWLEDGEMENT TO BE CIFIED MAY RESULT IN REJECTION OF YO BY telegram or letter, provided each telegram or DIFIES THE CONTRACT/ORDER NO. AS DES	UR OF letter n	FER. If by nakes refer	rence
					ES SET FORTH IN ITEM 14 ARE MADE IN TH MINISTRATIVE CHANGES (such as changes in OF FAR 43.103(b).			
C	. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED	INTO PURSUANT TO AL	JTHOR	TY OF:			
D	OTHER (Specify type of modification	and authority)						
X H	.6 (EPAAR 1552.217-	73) Opti	on for Increa	ased	Quantity-Cost Type Con-	trac	ct	
E. IMPORTANT:	Contractor X is not,	is required t	o sign this document and	return	copies to the issuing	office.		
14.DESCRIPTIC DUNS Numb		(Organized by U	ICF section headings, incl	luding s	olicitation/contract subject matter where feasible	le.)		
			tract is for	Ecoi	nomics and Risk Analysis	s St	aff (	ERAS)
	l Support (EAS) Ser	vices						
Critical	e Date: 04/29/2017 Function - This ser l Support (EAS) Ser		tract is for	Ecoi	nomics and Risk Analysis	s St	aff (I	ERAS)
Three (3) hours equ Ceiling f Continued	(Hours=1,000 Dolla: al to (Cost (b)(4) or Option Period Th:	rs \$101, ree is \$	729.69 (Cost( Fix Fee(b)(4 1,339,758.5 (	b)(4) ) (Cos	The New Cost plus	(4) s Fi	xed F	2000 ee
	TITLE OF SIGNER (Type or print)			16A. I	NAME AND TITLE OF CONTRACTING OFFICE vid Rocque			
15B. CONTRACT	OR/OFFEROR		15C. DATE SIGNED			LC FRE	ONIC	9/28/2015
(Sig	gnature of person authorized to sign)	——————————————————————————————————————			(Signature of Contracting Officer)		_   3	

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 EP-W-12-013/0061
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NAME OF OFFEROR OR CONTRACTOR

TEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
( 7 7 )		1 (0)	(2)	\"\"	(1)
	Fee(b)(4) and Total Funds Obligated to Option Period Three (3) is \$1,039,179.67. The				
	contractor is not authorized to exceed the total				
	cost plus fix fee and funding ceiling of this				
	contract without prior approval by the				
	Contracting Officer.				
	LIST OF CHANGES:				
	Reason for Modification : Other Administrative				
	Total Amount for this Modification: \$0.00				
	New Total Amount for this Version: \$2,763,974.17				
	New Total Amount for this Award: \$12,461,024.97				
	CHANGES FOR LINE ITEM NUMBER: 14				
	Total Amount changed				
	from \$1,627,675.04 to \$1,424,215.66				
	CHANGES FOR LINE ITEM NUMBER: 22				
	Quantity changed from 11000 to 13000				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Total Amount changed				
	from \$1,136,299.13 to \$1,339,758.51				
	CHANGES FOR LINE ITEM NUMBER: 23				
	Quantity changed from 14000 to 12000				
	Dall' a Laral'an Gada GOMBD (ODGD				
	Delivery Location Code: OSWER/ORCR OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
			ı I		

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES			
2 AMENDMENT/MODIFICATION NO	In EFFECTIVE	DATE	4 DI	EQUISITION/PURCHASE REQ. NO.	Is ppour	1 4		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE			e Schedule	5. PROJEC	CT NO. (If applicable)		
0 0 6 2 6. ISSUED BY CODE	See Bloo	CK 16C		DMINISTERED BY (If other than Item 6)	CODE			
	SRRPOD			Building and	L			
SRRPOD US Environmental Protection	Agongu							
Ariel Rios Building	ngency							
1200 Pennsylvania Avenue, N.	W.							
Mail Code: 3805R								
Washington DC 20460								
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and	I ZIP Code)	(x)	A. AMENDMENT OF SOLICITATION NO.				
INDUSTRIAL ECONOMICS, INCORPO	ORATED							
2067 MASS AVE STE 4			9	B. DATED (SEE ITEM 11)				
CAMBRIDGE MA 021401340								
		-	-	IOA. MODIFICATION OF CONTRACT/ORDER N	Ο.			
		1		EP-W-12-013	<b>.</b>			
			L					
			1	IOB. DATED (SEE ITEM 13)				
CODE 007977887	FACILITY COL	DE		04/30/2012				
	11. THIS ITE	EM ONLY APPLIES TO A	MEN	DMENTS OF SOLICITATIONS				
☐ The above numbered solicitation is amended as set for	orth in Item 14. 1	The hour and date specifie	ed for	receipt of Offersis exter	nded, 🔲 is	s not extended.		
Offers must acknowledge receipt of this amendment p	rior to the hour a	and date specified in the s	olicit	ation or as amended, by one of the following met	nods: (a) By	completing		
Items 8 and 15, and returning cop	oies of the amen	dment; (b) By acknowledg	ging ı	receipt of this amendment on each copy of the off	er submitted	d; or (c) By		
separate letter or telegram which includes a reference	to the solicitatio	n and amendment numbe	ers. F	FAILURE OF YOUR ACKNOWLEDGEMENT TO	BE RECEIV	ED AT		
THE PLACE DESIGNATED FOR THE RECEIPT OF (								
virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received				e by telegram or letter, provided each telegram o	letter make	es reference		
12. ACCOUNTING AND APPROPRIATION DATA (If reg	A Second Property of the Control of	posit! d	9195		20 000	2 00		
See Schedule		Net	ΔΙ.	icrease: \$1	.20,000	J.00		
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION O	F CONTRACTS/ORDERS	3. IT	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN	I ITEM 14.		
A. THIS CHANGE ORDER IS ISSUED F	PURSUANT TO:	(Specify authority) THE	CHAI	NGES SET FORTH IN ITEM 14 ARE MADE IN T	HE CONTR	ACT		
ORDER NO. IN ITEM IOA.								
B. THE ABOVE NUMBERED CONTRAC	CT/ORDER IS M	ODIFIED TO REFLECT T	THE A	ADMINISTRATIVE CHANGES (such as changes TY OF FAR 43.103(b).	in paying of	fice,		
appropriation date, etc.) SETTOKTI	1 IIN 11 EIVI 14, FC	DIGODANT TO THE AUTH	ION	11 OF 1 AIX 43. 103(b).				
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED	INTO PURSUANT TO AU	JTHC	PRITY OF:				
D. OTHER (Specify type of modification								
X H.6 (EPAAR 1552.217-73) C	ption for	Increased Quanti	ity	-Cost Type Contract & B.6 Limit	tation o	of funds notice		
E. IMPORTANT: Contractor X is not,	is required t	to sign this document and	retur	n copies to the issuing	office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by U	ICF section headings, incl	ludin	g solicitation/contract subject matter where feasik	le.)			
DUNS Number: 007977887								
Critical Function - This ser	vice con	tract is for	ЕC	onomics and Risk Analysi	s Staf	f (ERAS)		
Analytical Support (EAS) Ser				-				
Max Expire Date: 04/29/2017								
The purpose of this modification	tion is	to oversise C	mo	(1) Option Quantity in	ntion	Poriod		
				The state of the s				
Three (3) (Hours=1,000 Dolla			, ,,	- /	(4)	The		
New Cost plus Fixed Fee Ceil								
	Fee (b)(4)			modification also obliga				
the amount of \$120,000.00 to	Option	Period Three	(3	). The New Total of Fund	s Obli	gated to		
Option Period Three (3) is \$	1,159,17	9.67. The con	ntr	actor is not authorized	to exc	eed the		
total cost plus fix fee and	funding	ceiling of th	nis	contract without prior	approv	al by the		
Continued								
Except as provided herein, all terms and conditions of th	e document refe	erenced in Item 9A or 10A.	, as h	neretofore changed, remains unchanged and in fu	II force and	effect.		
15A. NAME AND TITLE OF SIGNER (Type or print)			-	A. NAME AND TITLE OF CONTRACTING OFFIC				
			E-	lyid Pogmio				
				ılvid Rocque		1		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		B. UNITED STATES OF AMERICA		16C. DATE SIGNED		
					LCTRONIC BONATORI			
(Signature of person authorized to sign)				(Signature of Contracting Officer)				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT	UNIT PRICE (E)	AMOUNT (F)
(A)		(C)	(D)	(上)	( F )
	Contracting Officer.				
	LIST OF CHANGES:				
	CHANGES FOR LINE ITEM NUMBER: 23				
	Quantity changed from 12000 to 11000				
	CHANGES FOR LINE ITEM NUMBER: 22				
	Quantity changed from 13000 to 14000				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Total Amount changed				
	from \$1,339,758.51 to \$1,441,488.20				
	Obligated Amount for this modification:				
	\$120,000.00				
	Incremental Funded Amount changed from				
	\$1,039,179.67 to \$1,159,179.67				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31C-303DD2-2585-1531SFP017-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31C Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1531SFP017-001				
	Quantity: 0				
	Amount: \$50,393.00				
	Percent: 3.76135				
	Subject To Funding: N				
	Payment Address:  RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-T-31C-303DD2-2585-1531SFP017-002				
	Beginning FiscalYear 15				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31C Continued				
	Continued				
			Ιİ		

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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1531SFP017-002				
	Quantity: 0				
	Amount: \$39,607.00				
	Percent: 2.95628				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31M-302DA2-2585-1631MRP007-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31M				
	Program (PRC) 302DA2				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631MRP007-001				
	Quantity: 0				
	Amount: \$30,000.00				
	Percent: 2.23921				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	CHANGES FOR LINE ITEM NUMBER: 14				
	Total Amount changed				
	from \$1,424,215.66 to \$1,322,485.97				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	Continued				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-12-013/0062

PAGE OF 4 4

NAME OF OFFEROR OR CONTRACTOR

ΓΕΜ NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Desmont				
	Payment: RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
			ıl		

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		1. CONTRACT ID CODE	P	AGE OF	PAGES
2 AMENDMENT/MODIFICATION NO	In EFFECTIVE	DATE	4 DE	FOLISITION/BUBCHASE BEO. NO.	Is DDO	1	3
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE			EQUISITION/PURCHASE REQ. NO. : Schedule	5. PROJ	JECT NO. (	'If applicable)
0063 6. ISSUED BY CODE	See Bloo	ck 16C		DMINISTERED BY (If other than Item 6)	CODE	T	
	SRRPOD		r. A	DMINIOTERED DT (II other than nom o)	OODL		
SRRPOD	7.000011						
US Environmental Protection Ariel Rios Building	Agency						
1200 Pennsylvania Avenue, N.	W.						
Mail Code: 3805R	2.8.4						
Washington DC 20460							
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and	ZIP Code)	(x) <sup>9</sup>	A. AMENDMENT OF SOLICITATION NO.			
INDUSTRIAL ECONOMICS INCORD		Ī					
INDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4	JKAIED		9	DB. DATED (SEE ITEM 11)			
CAMBRIDGE MA 021401340				, , , , , , , , , , , , , , , , , , , ,			
SIMBRIDGE IMI OZI 101310			_				
				10A. MODIFICATION OF CONTRACT/ORDER N $\mathtt{EP-W-}12-013$	О.		
			1	0B. DATED (SEE ITEM 13)			
CODE 007977887	FACILITY COL	DE		04/30/2012			
	11 THIS ITE	M ONLY ADDLIES TO A		DMENTS OF SOLICITATIONS			
The above numbered solicitation is amended as set for	U NE SPECIES KAN	ACCOUNTER THE STATE OF THE STAT		YOUNG VICTORIES SENT TO SENT HOUSENESS TO SENT TO SENT THE SENT TO SENT THE SENT TO SENT THE SENT TO SENT THE S	ndod -	is not exte	andad
Offers must acknowledge receipt of this amendment p		1.5			A.		
Items 8 and 15, and returning cop	oies of the amen	dment; (b) By acknowledg	ging r	receipt of this amendment on each copy of the off	er submitt	ted; or (c) E	Зу
separate letter or telegram which includes a reference							
THE PLACE DESIGNATED FOR THE RECEIPT OF ( virtue of this amendment you desire to change an offe							nce
to the solicitation and this amendment, and is received		ning hour and date specif	fied.				
12. ACCOUNTING AND APPROPRIATION DATA (If req	uired)	Net	In	crease: \$6	55,77	6.49	
See Schedule							
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION O	F CONTRACTS/ORDERS	5. IT	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED	IN ITEM 1	4.
CHECK ONE A THIS CHANGE ORDER IS ISSUED F	PURSUANT TO:	(Specify authority) THE (	CHAI	NGES SET FORTH IN ITEM 14 ARE MADE IN T	HE CONT	TRACT	
ORDER NO. IN ITEM 10A.	01.007.111.107	(opening addressity) TTL	J	NGES SET FORTH IN ITEM 14 ARE MADE IN T	00		
B. THE ABOVE NUMBERED CONTRAC	CT/ORDER IS M	ODIFIED TO REFLECT T	THE A	ADMINISTRATIVE CHANGES (such as changes	in pavina	office.	
appropriation date, etc.) SET FORTH	I IN ITEM 14, PL	IRSUANT TO THE AUTH	IORI	ADMINISTRATIVE CHANGES (such as changes TY OF FAR 43.103(b).			
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED	INTO PURSUANT TO AL	JTHC	PRITY OF:			
D. OTHER (Specify type of modification	and authority)						
X H.6 (EPAAR 1552.217-73) C	ption for	Increased Quant:	ity-	-Cost Type Contract & B.6 Limit	tation	of fun	ds notice
E. IMPORTANT: Contractor X is not.	NOT THE CO. CO.	o sign this document and		51 13 Seed as	20200		
					170,070,000,000		
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887	(Organized by O	CF section neadings, inci	iuaing	g solicitation/contract subject matter where leasit	ne.)		
		twoat in for	Ec	onomics and Diel Analysi	o C+o	.ee /171	DAC)
Critical Function - This ser		cract is for	EC	onomics and Risk Analysi	s sta	TTT (E)	RAS)
Analytical Support (EAS) Ser	vices						
Max Expire Date: 04/29/2017							
Critical Function - This ser		tract is for	EC	onomics and Risk Analysi	s Sta	iff (E	RAS)
Analytical Support (EAS) Ser	vices						
The purpose of this modifica						n Per	iod
Three (3) (Hours=1,000 Dolla	rs \$101,	729.69 (Cost	(b)(4	Fix Fee (b)	(4)		The
New C <u>ost plus Fixed Fee C</u> eil	ing for	Option Period	l T	hree is \$1,543,217.89			J
(Cost(b)(4)) Fix	Fee (b)(4)	Thi	LS 1	modification also obliga	tes f	undin	g in
Continued				3			
Except as provided herein, all terms and conditions of th	e document refe	renced in Item 9A or 10A	, as h	neretofore changed, remains unchanged and in fu	II force ar	nd effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)		The second secon		A. NAME AND TITLE OF CONTRACTING OFFIC			
			Tr	alwid Pogono			
				ılvid Rocque		1	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		3. UNITED STATES OF AMERICA			DATE SIGNED
					LCTROP UTANOR		/01/2015
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

(A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	the amount of \$65,776.49 to Option Period Three (3). The New Total of Funds Obligated to Option Period Three (3) is \$1,224,956.16. The contractor is not authorized to exceed the total cost plus fix fee and funding ceiling of this contract without prior approval by the Contracting Officer.				
	LIST OF CHANGES: Reason for Modification: Funding Only Action Obligated Amount for this Modification: \$65,776.49				
	CHANGES FOR LINE ITEM NUMBER: 14 Total Amount changed from \$1,322,485.97 to \$1,220,756.28				
	CHANGES FOR LINE ITEM NUMBER: 4 Total Amount changed from \$1,441,488.20 to \$1,543,217.89 Obligated Amount for this modification: \$65,776.49 Incremental Funded Amount changed from \$1,159,179.67 to \$1,224,956.16				
	NEW ACCOUNTING CODE ADDED: Account code: 16-TR2B-10Q0X44-303DD2-2505-C001-1610QMC005-001				
	Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) TR2B Budget Organization 10Q0X44 Program (PRC) 303DD2				
	Budget (BOC) 2505 Job # (Site/Project) 1044BD01 Cost Organization C001 DCN-LineID 1610QMC005-001				
	Quantity: 0 Amount: \$50,124.00 Percent: 3.47724 Subject To Funding: N Payment Address:				
	NEW ACCOUNTING CODE ADDED: Account code:				
	16-17-B-31H-302DA1-2585-1631HMP001-001 Beginning FiscalYear 16 Ending Fiscal Year 17 Fund (Appropriation) B Budget Organization 31H				
	Program (PRC) 302DA1 Continued				

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

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 3
 3

NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Budget (BOC) 2585	1			
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631HMP001-001				
	Quantity: 0				
	Amount: \$15,652.49				
	Percent: 1.08586				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Dulliam No 27711				
	CHANGES FOR LINE ITEM NUMBER: 23				
	Quantity changed from 11000 to 10000				
	CHANGES FOR LINE ITEM NUMBER: 22				
	Quantity changed from 14000 to 15000				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
	10110d 01 101101manee: 04/30/2013 00 04/23/2010				

AMENDMENT OF SOLICITATION/MODIFIC	CATION OF COI	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGE	AGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DA	ATE 4. RI		5. PROJECT NO. (If	applicable)
0064	See Block	: 16C PR-	SRRPOD-15-00284		
6. ISSUED BY CODE	SRRPOD	7. A	DMINISTERED BY (If other than Item 6)	CODE	
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N Mail Code: 3805R	J 1				
Washington DC 20460			A AMENDMENT OF COLUMN ATTOMAC		
8. NAME AND ADDRESS OF CONTRACTOR (No., stree INDUSTRIAL ECONOMICS, INCORP 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	•	(X)	IA. AMENDMENT OF SOLICITATION NO.  IB. DATED (SEE ITEM 11)  OA. MODIFICATION OF CONTRACT/ORDE  EP-W-12-013	ER NO.	
		-	0B. DATED (SEE ITEM 13)		
CODE 007977887	FACILITY CODE		04/30/2012		
	11, THIS ITEM	ONLY APPLIES TO AMEN	DMENTS OF SOLICITATIONS		
Items 8 and 15, and returning consequence of separate letter or telegram which includes a reference of the PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offer to the solicitation and this amendment, and is received.	e to the solicitation a OFFERS PRIOR TO er already submitted	and amendment numbers. In THE HOUR AND DATE Sol, such change may be mad	PECIFIED MAY RESULT IN REJECTION O	TO BE RECEIVED AT F YOUR OFFER. If by	
12. ACCOUNTING AND APPROPRIATION DATA (If re	THE STREET STREET STREET STREET	O anti-te desarts detacts of telescottes			
See Schedule					
13. THIS ITEM ONLY APPLIES TO N	MODIFICATION OF (	CONTRACTS/ORDERS. IT	MODIFIES THE CONTRACT/ORDER NO. AS	DESCRIBED IN ITEM 14.	
	CT/ORDER IS MOD H IN ITEM 14, PUR	DIFIED TO REFLECT THE ASSENTED TO THE AUTHORI	NGES SET FORTH IN ITEM 14 ARE MADE  ADMINISTRATIVE CHANGES (such as char. TY OF FAR 43.103(b).		
O. THIS GOLF ELIMENTAL AGREEMEN	VI IO ENTERED IIV	TOT GROWN TO AUTHO	MIT OF		
D. OTHER (Specify type of modification	and authority)				
X H.6 (EPAAR 1552.217-	-73) Option	n for Increase	d Quantity-Cost Type C	Contract	
E. IMPORTANT: Contractor X is not,	is required to s	ign this document and retu	n copies to the is:	suing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887			•	,	
Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 The purpose of this modifica Three (3) (Hours=1,000 Dolla	vices ation is to ars \$101,72	o exercise One 29.69 (Cost <mark>(b)(</mark>	(1) Option Quantity i	n Option Peri	
the total cost plus fix fee	$_{\text{Fee}}$ (b)(4)	The	contractor is not aut		
the Contracting Officer.					
Continued	Total State	and a standard or		8 M	
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	he document referer				
IVA. NAME AND TITLE OF SIGNER (1900 OF PRINT)			A. NAME AND TITLE OF CONTRACTING C Alvid Rocque	rendek (1900 or print)	
15B. CONTRACTOR/OFFEROR	15	SC. DATE SIGNED 16	3. UNITED STATES OF AMERICA	ELLETRONIC	DATE SIGNED
(Signature of person authorized to sign)		_	(Signature of Contracting Officer)	12/	15/2015

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

TEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY UNIT	UNIT PRICE (E)	AMOUNT (F)
	LIST OF CHANGES:	1 1		
	Reason for Modification : Other Administrative			
	Action			
	CHANGES FOR LINE ITEM NUMBER: 4 Total Amount changed			
	from \$1,543,217.89 to \$1,644,947.58			
	CHANGES FOR LINE ITEM NUMBER: 22			
	Quantity changed from 15000 to 16000			
	Delivery Location Code: OSWER/ORCR			
	OSWER ORCR			
	One Potomac Yard			
	2777 S Crystal Drive			
	Crystal City VA 22202-3553			
	Payment:			
	RTP Finance Center US Environmental Protection Agency			
	RTP-Finance Center (AA216-01)			
	109 TW Alexander Drive			
	www2.epa.gov/financial/contracts			
	Durham NC 27711			
	FOB: Destination			
	Period of Performance: 04/30/2015 to 04/29/2016			

AMENDMENT OF SOLICITATION/MODIFICA	ATION OF CO	ONTRACT		CONTRACT ID CODE		PAGE OF PAGES			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE		4 DF	QUISITION/PURCHASE REQ. NO.	le pp/	1	2 2 (If applicable)		
		T		SRRPOD-15-00284	5. PRO	JJECT NC	D. (If applicable)		
0065 6. ISSUED BY CODE	See Bloo	ZK 10C		DMINISTERED BY (If other than Item 6)	CODE	T			
	SKKFOD				7 (5)	<u> </u>			
SRRPOD US Environmental Protection	Agency								
Ariel Rios Building	rigericy								
1200 Pennsylvania Avenue, N.	W.								
Mail Code: 3805R									
Washington DC 20460									
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and	ZIP Code)	(x) 9.	A. AMENDMENT OF SOLICITATION NO.					
INDUSTRIAL ECONOMICS, INCORPO	DRATED								
2067 MASS AVE STE 4			9	B. DATED (SEE ITEM 11)					
CAMBRIDGE MA 021401340									
		-	1	0A. MODIFICATION OF CONTRACT/ORDER N	0.				
		2	×Ė	P-W-12-013	<b>.</b>				
			L						
			1	0B. DATED (SEE ITEM 13)					
CODE 007977887	FACILITY COD	DE		04/30/2012					
	11. THIS ITE	EM ONLY APPLIES TO AN	MEND	MENTS OF SOLICITATIONS					
☐ The above numbered solicitation is amended as set fo	rth in Item 14.	The hour and date specifie	ed for	receipt of Offers 🔲 is exter	nded.	☐ is not e	extended.		
reference to the solicitation and this amendment, and in the solicitation and the samendment, and in the samendmen		to the opening hour and d	date s	pecified.		11 (4)			
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION O	F CONTRACTS/ORDERS	. IT N	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBE	D IN ITEM	l 14.		
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH	CT/ORDER IS MO I IN ITEM 14, PU	ODIFIED TO REFLECT TI IRSUANT TO THE AUTH	HE A	IGES SET FORTH IN ITEM 14 ARE MADE IN T DMINISTRATIVE CHANGES (such as changes of Y OF FAR 43.103(b).					
C. THIS SUPPLEMENTAL AGREEMENT	Γ IS ENTERED I	NTO PURSUANT TO AU	THOF	RITY OF:					
D. OTHER (Specify type of modification	and authority)								
	• • • • • • • • • • • • • • • • • • • •	on for Increa	ase	d Quantity-Cost Type Con	trac	·+			
E. IMPORTANT: Contractor 🗵 is not.	- <del> </del>	o sign this document and							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (		783							
DUNS Number: 007977887			3	inya samaanaan kalkulu lalaanaa surii ahaa kalkulu ahaanaa ilaa kalkulu ahaanaa ilaa kalkulu ahaanaa ahaa ahaa					
Critical Function - This serv	vice con	tract is for	Eco	onomics and Risk Analysi	s St	aff (	ERAS)		
Analytical Support (EAS) Ser				-					
Max Expire Date: 04/29/2017									
Critical Function - This serv	vice con	tract is for	Eco	onomics and Risk Analysi	s St	aff (	ERAS)		
Analytical Support (EAS) Ser									
amaly clear cappole (200, col									
The purpose of this modifica	tion is	to exercise O	)ne	(1) Option Quantity in	Onti	on Pe	riod		
Three (3) (Hours=1,000 Dolla:					)(4)	011 10	The		
New Cost plus Fixed Fee Ceil:									
	Fee (b)(4)			contractor is not author	i 70d	+0 0	vceed		
Continued	166(-11.)	111	ı⊂ (	concractor is not author	eu	. LU <del>E</del>	ACEEU		
	a da a	remond in It C A second	• الأول ا	and the same of th	II &-	and - "			
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	e aocument refe	rencea in item 9 A or 10A	_	eretofore changed, remains unchanged and in f NAME AND TITLE OF CONTRACTING OFFIC					
TOTAL SHEET HIS THEE OF GIONETY (Type of planty					JEIN (19)	pa or print	,		
				lvid Rocque					
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		. UNITED STATES OF AMERICA			6C. DATE SIGNED		
					SIGNAT		01/12/2016		
(Signature of person authorized to sign)				(Signature of Contracting Officer)					

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

 EP-W-12-013/0065
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NAME OF OFFEROR OR CONTRACTOR

the total cost plus fix fee and funding ceiling of this contract without prior approval by the	(C)	(D)	(E)	(F)
of this contract without prior approval by the				
of this contract without prior approval by the				
Contracting Officer.				
IGF::CT::IGF				
LIST OF CHANGES:				
Reason for Modification : Other Administrative				
Action				
CHANGES FOR LINE ITEM NUMBER: 4				
Total Amount changed				
from \$1,644,947.58 to \$1,746,677.27				
110m \$1,644,947.38 to \$1,746,677.27				
CHANGES FOR LINE ITEM NUMBER: 22				
Quantity changed from 16000 to 17000				
Delivery Location Code: OSWER/ORCR				
OSWER ORCR				
One Potomac Yard				
2777 S Crystal Drive				
Crystal City VA 22202-3553				
Payment:				
RTP Finance Center				
US Environmental Protection Agency				
RTP-Finance Center (AA216-01)				
109 TW Alexander Drive				
www2.epa.gov/financial/contracts				
Durham NC 27711				
FOB: Destination				
Period of Performance: 04/30/2015 to 04/29/2016				
Tellod of Tellolmance. 04/30/2013 to 04/25/2010				

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT		CONTRACT ID CODE	PAGI	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJEC	T NO. (If applicable)
0066	See Bloo	ck 160	See	Schedule		
6. ISSUED BY CODE	SRRPOD	311 200	7. ADN	INISTERED BY (If other than Item 6)	CODE	
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R	Agency					
Washington DC 20460						
8. NAME AND ADDRESS OF CONTRACTOR (No., street ENDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	12%	,	9B. × 10A EF	AMENDMENT OF SOLICITATION NO.  DATED (SEE ITEM 11)  . MODIFICATION OF CONTRACT/ORDER NO $-W-12-013$ . DATED (SEE ITEM 13)	0.	
CODE 007977887	FACILITY COL	DE .	0.	4/30/2012		
	11 TUIC IT	M ONLY ADDITES TO A		ENTS OF SOLICITATIONS		
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF 0 virtue of this amendment you desire to change an offe reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (If req. See Schedule	to the solicitatio DFFERS PRIOR or already submitt is received prior uired)	n and amendment numbe TO THE HOUR AND DA' ed , such change may be to the opening hour and o	ers. FA FE SPE made I date spe	CIFIED MAY RESULT IN REJECTION OF YOU by telegram or letter, provided each telegram o cified. rease: \$1	BE RECEIVI UR OFFER r letter make	ED AT If by s
				DIFIES THE CONTRACT/ORDER NO. AS DES		
B. THE ABOVE NUMBERED CONTRAG appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMEN				MINISTRATIVE CHANGES (such as changes in OF FAR 43.103(b). 'Y OF:	n paying offic	;e,
D. OTHER (Specify type of modification	and authority)					
X B.6 Limitation of fu	nds noti	ce				
E. IMPORTANT: Contractor 🗵 is not.	pC.36	o sign this document and	return	copies to the issuing	office.	
14.DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887 Critical Function - This ser	(Organized by U	CF section headings, incl	uding s	olicitation/contract subject matter where feasib	le.)	(ERAS)
Max Expire Date: 04/29/2017 This modification obligates (3). The New Total of Funds contractor is not authorized this contract without prior	funding . Obligated to exced	d to Option F ed the total	erio cost	od Three (3) is \$1,370,2 plus fix fee and fund:	203.04.	. The
LIST OF CHANGES:		las Zaháan				
Reason for Modification : Fu	naing On.	ry Action				
Continued	o doo.	nonned in these C. A		otaforo obonico di servicio con l'accesso di servicio	ull forms	offeet
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	e document refe	renced in Item 9 A or 10A	16A. I	etofore changed, remains unchanged and in fu IAME AND TITLE OF CONTRACTING OFFIC vid Rocque		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. U	INITED STATES OF AMERICA	LCTRONIC	
(Signature of person authorized to sign)				(Signature of Contracting Officer)	econo i mente	01/14/2016

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NAME OF OFFEROR OR CONTRACTOR

(A)		,	S	yy_	27 12
	(B)	(C)	(D)	(E)	(F)
	Obligated Amount for this modification:				
	\$145,246.88				
	Incremental Funded Amount changed from				
	\$1,224,956.16 to \$1,370,203.04				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-C-26UU000-301FK8-2532-26A6A-1526UUX109-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) C				
	Budget Organization 26UU000				
	Program (PRC) 301FK8				
	Budget (BOC) 2532				
	Job # (Site/Project)				
	Cost Organization 26A6A				
	DCN-LineID 1526UUX109-001				
	Quantity: 0				
	Amount: \$26,007.00				
	Percent: 1.48894				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-C-26UU000-301FK8XPV-2532-26A6A-1526UUX109-00				
	Eginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) C				
	Budget Organization 26UU000				
	Program (PRC) 301FK8XPV				
	Budget (BOC) 2532				
	Job # (Site/Project)				
	Cost Organization 26A6A				
	DCN-LineID 1526UUX109-002				
	Quantity: 0				
	Amount: \$6,000.00				
	Percent: .34351				
	Subject To Funding: N				
	Payment Address:				
	Continued				

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 PAGE
 OF

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 3
 4

NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-C-26UU000-301FK8XPW-2532-26A6A-1526UUX109-00				
	3				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) C				
	Budget Organization 26UU000				
	Program (PRC) 301FK8XPW				
	Budget (BOC) 2532				
	Job # (Site/Project)				
	Cost Organization 26A6A				
	DCN-LineID 1526UUX109-003				
	Quantity: 0				
	Amount: \$67,307.00				
	Percent: 3.85343				
	Subject To Funding: N				
	Payment Address:				
	Taymene naaress.				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31M-302DA2-2585-1631MRP010-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31M				
	Program (PRC) 302DA2				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631MRP010-001				
	Quantity: 0				
	Amount: \$45,932.88				
	Percent: 2.62973				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Duffiam NC 27/11				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Continued				

CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-W-12-013/0066 PAGE OF 4 4

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination Period of Performance: 04/30/2015 to 04/29/2016				
	Period of Performance: 04/30/2015 to 04/29/2016				
			1		

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF COM	ITRACT	CONTRACT ID CODE	PA	AGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE D	ATE 4.1	 REQUISITION/PURCHASE REQ. N	NO. 5. PROJ	1 5 ECT NO. (If applicable)
0067	See Block	5.6	e Schedule		
6. ISSUED BY CODE			ADMINISTERED BY (If other than	Item 6) CODE	
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N Mail Code: 3805R	Agency			ļ	
Washington DC 20460					
8. NAME AND ADDRESS OF CONTRACTOR (No., stree INDUSTRIAL ECONOMICS, INCORP 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	-	(X) (X)	9A. AMENDMENT OF SOLICITAT  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTR EP-W-12-013  10B. DATED (SEE ITEM 13)		
CODE 007977887	FACILITY CODE		04/30/2012		
001311001		ONLY ADDITION TO ASSET	NDMENTS OF SOLICITATIONS		
Items 8 and 15, and returning consequence of the PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offer reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (If required Schedule 13. THIS ITEM ONLY APPLIES TO N	e to the solicitation a OFFERS PRIOR TO er already submitted is received prior to uuired)	and amendment numbers.  THE HOUR AND DATE I, such change may be many the opening hour and date  Net I	SPECIFIED MAY RESULT IN REJE ade by telegram or letter, provided on specified. ncrease:	EDGEMENT TO BE RECE ECTION OF YOUR OFFEI each telegram or letter ma \$295,26	EIVED AT R If by akes
A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTI  C. THIS SUPPLEMENTAL AGREEMEN  D. OTHER (Specify type of modification	CT/ORDER IS MOD H IN ITEM 14, PUR IT IS ENTERED INT In and authority)	DIFIED TO REFLECT THE SUANT TO THE AUTHOR TO PURSUANT TO AUTH	ADMINISTRATIVE CHANGES (su ITY OF FAR 43.103(b).		
X B.6 Limitation of fu	unds notic	е			
E. IMPORTANT: Contractor Sis not.  14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887	181	sign this document and ret section headings, includi	- 1 28	es to the issuing office.  ter where feasible.)	
Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 This modification obligates (3). The New Total of Funds contractor is not authorized this contract without prior	vices funding in Obligated I to exceed	n the amount to Option Pe d the total c	of \$295,265.68 to riod Three (3) is ost plus fix fee a	Option Perio \$1,665,468.7	d Three 2. The
LIST OF CHANGES: Continued	as desument referen	good in Itom 0.A or 10A. o.	s heretefere changed, remains unagen	bonged and in full force or	nd offect
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	ie accument reterei	1	s heretotore changed, remains und SA. NAME AND TITLE OF CONTR ulvid Rocque		
15B. CONTRACTOR/OFFEROR	15		B. UNITED STATES OF AMERICA - デーバン・マルマル	A SIGNATUI ELLCINON	
(Signature of person authorized to sign)			(Signature of Contracti	ng Officer)	

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Reason for Modification : Funding Only Action		П		
	Obligated Amount for this modification:				
	\$295,265.68				
	Incremental Funded Amount changed from				
	\$1,370,203.04 to \$1,665,468.72				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31C-302DA1-2585-1631CPP006-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631CPP006-001				
	Quantity: 0				
	Amount: \$56,655.03				
	Percent: 2.99457				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31C-303DD2-2585-1631SFP003-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31C				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP003-001				
	Quantity: 0				
	Amount: \$69,546.00				
	Percent: 3.67594				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	Continued				

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31C-302DA1-2585-1631CPP008-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631CPP008-001				
	Quantity: 0				
	Amount: \$40,000.00				
	Percent: 2.11425				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED.				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31P-303DD2-2585-1631SFP004-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP004-001				
	Quantity: 0				
	Amount: \$45,472.00				
	Percent: 2.40348				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
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			ıl		

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	RTP-Finance Center (AA216-01)		П		
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31C-302DA1-2585-1631CPP009-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631CPP009-001				
	Quantity: 0				
	Amount: \$43,592.65				
	Percent: 2.30414				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31C-302DA1-2585-1631CPP007-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631CPP007-001				
	Quantity: 0				
	Amount: \$40,000.00				
	Percent: 2.11425				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				

AMENDMENT OF SOLICITATION/MODIFICA	ATION OF CONTRA	СТ	1. CONTRACT ID CODE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REC	L DUISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)
0068	  See Block 16	c see	Schedule		
6. ISSUED BY CODE	SRRPOD		MINISTERED BY (If other than Item 6)	CODE	
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R	Agency			_	
Washington DC 20460	sounty State and 7/D Code	lo <sub>A</sub>	AMENDMENT OF COLICITATION NO		9
8. NAME AND ADDRESS OF CONTRACTOR (No., street INDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340		9B	. AMENDMENT OF SOLICITATION NO DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER NO	NO.	
			12 010		
		10	B. DATED (SEE ITEM 13)		
CODE 007977887	FACILITY CODE		4/30/2012		
any order of the first transfer of the first	11. THIS ITEM ONLY	APPLIES TO AMENDA	MENTS OF SOLICITATIONS		
Items 8 and 15, and returning copseparate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF circuit of this amendment you desire to change an offereference to the solicitation and this amendment, and	to the solicitation and am DFFERS PRIOR TO THE r already submitted , such	endment numbers. FAHOUR AND DATE SPE change may be made	ECIFIED MAY RESULT IN REJECTION OF YO by telegram or letter, provided each telegram	D BE RECEIVED OUR OFFER IF	AT
12. ACCOUNTING AND APPROPRIATION DATA (If requ See Schedule		Net Inc		30,243.0	0
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION OF CONTR	ACTS/ORDERS. IT M	ODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN IT	EM 14.
	CT/ORDER IS MODIFIED I IN ITEM 14, PURSUANT	TO REFLECT THE AD	SES SET FORTH IN ITEM 14 ARE MADE IN T MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b).		
D. OTHER (Specify type of modification	and authority)				
X B.6 Limitation of fu	•				
	<u> </u>	a decrease and return	agrica to the inquir	a office	
E. IMPORTANT: Contractor ☑ is not.  14. DESCRIPTION OF AMENDMENT/MODIFICATION (DUNS Number: 007977887	Organized by UCF section	n headings, including s		ible.)	
Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 This modification obligates The New Total of Funds Obligation tractor is not authorized this contract without prior	vices funding in th ated to Optic to exceed th	e amount of n Period Th e total cos	\$30,243.00 to Option F ree (3) is \$1,695,711.7 t plus fix fee and fund	Period Th	nree (3).
LIST OF CHANGES:	appioval by C	ne contract	ing officer.		
Continued					
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	e document referenced in	16A.	NAME AND TITLE OF CONTRACTING OFFI		
			vid Rocque		
15B. CONTRACTOR/OFFEROR	15C. DA			LUCTRONIC	16C. DATE SIGNED 02/03/2016
(Signature of person authorized to sign)		-	(Signature of Contracting Officer)		02/03/2010

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

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NAME OF OFFEROR OR CONTRACTOR

M NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Reason for Modification : Funding Only Action				
	Obligated Amount for this modification: \$30,243.00				
	Incremental Funded Amount changed from				
	\$1,665,468.72 to \$1,695,711.72				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31P-303DD2-2585-1631SFP006-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP006-001				
	Quantity: 0				
	Amount: \$30,243.00				
	Percent: 1.59853				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts Durham NC 27711				
	Delivery Location Code: OSWER/ORCR				
	OSWER ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2015 to 04/29/2016				
		I			

AMENDMENT OF SOLICITATION/MODIFICA	ATION OF CO	ONTRACT		CONTRACT ID CODE	1	PAGE OF	PAGES
2. AMENDMENT/MODIFICATION NO	a FEEEOTIVE	DATE	4 5	REQUISITION/PURCHASE REQ. NO.	Is ppc	1	2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	YEAR OLD TO	4. F	REQUISITION/PURCHASE REQ. NO.	5. PRC	DJECT NO.	(If applicable)
0069 6. ISSUED BY CODE	See Bloo	ck 16C	7	ADMINISTEDED BY (If other than Hom 6)	CODE		
6. ISSUED BY CODE	SRRPOD		1.1	ADMINISTERED BY (If other than Item 6)	CODE		
SRRPOD	-						
US Environmental Protection	Agency						
Ariel Rios Building 1200 Pennsylvania Avenue, N.	Ta7						
Mail Code: 3805R	VV •						
Washington DC 20460							
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and	ZIP Code)	(x)	9A. AMENDMENT OF SOLICITATION NO.			
		<u> </u>	(^)				
INDUSTRIAL ECONOMICS, INCORPO	DRATED			OD DATES (OFFITEIA III)			
2067 MASS AVE STE 4				9B. DATED (SEE ITEM 11)			
CAMBRIDGE MA 021401340							
		[:	x	10A. MODIFICATION OF CONTRACT/ORDER N $EP-W-12-013$	O.		
				EF-W-12-013			
				10B. DATED (SEE ITEM 13)			
CODE	FACILITY COD	\ <u></u>					
CODE 007977887				04/30/2012			
	11. THIS ITE	EM ONLY APPLIES TO AM	MEN	IDMENTS OF SOLICITATIONS			
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF Ovirtue of this amendment you desire to change an offereference to the solicitation and this amendment, and	OFFERS PRIOR r already submitt	TO THE HOUR AND DAT ted , such change may be	TE S e ma	SPECIFIED MAY RESULT IN REJECTION OF YO de by telegram or letter, provided each telegram o	UR OFF	ER. If by	
12. ACCOUNTING AND APPROPRIATION DATA (If requ		to the opening nour and t	uale	specified.			
See Schedule							
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION O	F CONTRACTS/ORDERS	S. IT	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBE	D IN ITEM 1	4.
CHECK ONE  A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	PURSUANT TO:	(Specify authority) THE (	CHA	NGES SET FORTH IN ITEM 14 ARE MADE IN T	HE CON	ITRACT	
B. THE ABOVE NUMBERED CONTRAC	T/ORDER IS M	ODIFIED TO REFLECT T	HE	ADMINISTRATIVE CHANGES (such as changes of the Chan	n paying	g office,	
appropriation date, etc.) SET FORTH	I IN ITEM 14, PU	JRSUANT TO THE AUTH	IOR	TY OF FAR 43.103(b).			
C. THIS SUPPLEMENTAL AGREEMEN	Γ IŞ ENTERED I	NTO PURSUANT TO AU	THO	DRITY OF:			
D. OTHER (Specify type of modification	and authority)						
X H.5,OPT TO EXTEND TH	E TERM O	F THE CONTRAC	CT.	-(EPAAR 1552.217-71) (APR	198	4)	
E. IMPORTANT: Contractor 🗵 is not.	is required t	o sign this document and	retu	ırn copies to the issuing	office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (DUNS Number: 007977887	Organized by U	CF section headings, incl	ludir	ng solicitation/contract subject matter where feasib	le.)		
Critical Function - This ser	vice con	tract is for	E	conomics and Risk Analysi	s St	aff (E	RAS)
Analytical Support (EAS) Ser				-			
Max Expire Date: 04/29/2017							
The purpose of this modifica	tion is	to exercise C	nt	ion Period Four (4) unde	r co	ntract	:
EP-W-12-013 with (Hours=5,00)			-				Fee)
and period of performance fr					e no	0.55790.00	BESS OF THE C
contractor is not authorized	_						
			-	•			
contractor is not authorized				ost plus fix fee celling	OI t.	nis ec	Htract
without prior approval by the	e contra	cting Officer	£ •				
Continued							
Except as provided herein, all terms and conditions of th	e document refe	renced in Item 9 A or 10A	_				
15A. NAME AND TITLE OF SIGNER (Type or print)			16	SA. NAME AND TITLE OF CONTRACTING OFFICE	CER (Typ	pe or print)	
			E	ulvid Rocque			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16	B. UNITED STATES OF AMERICA		16C	. DATE SIGNED
				و روزي کي و	LOTRE	ANIC	
(Signature of person authorized to sign)			-	(Signature of Contracting Officer)	HONAT	0.3	3/15/2016
( = .g = sire or person authorized to digit)				(g.iataro or contracting officer)			

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	LIST OF CHANGES:				
	Reason for Modification : Exercise an Option				
	Period Of Performance End Date changed from				
	29-APR-16 to 29-APR-17				
	Total Amount for this Modification: \$0.00				
	New Total Amount for this Version: \$540,030.85				
	CHANGES FOR LINE ITEM NUMBER: 5				
	Exercised option				
	NEW DELIVERY LOCATION RECORD:				
	Shipping Address: OLEM ORCR				
	200 30-00-0000				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Delivery Location Code: OLEM/ORCR				
	OLEM ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center				
	Mail Drop D143-02				
	109 TW Alexander Drive				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2016 to 04/29/2017				
			1		

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT		CONTRACT ID CODE	PA	AGE OF	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJ	ECT NO.	3 . (If applicable)
0070	See Bloo	ck 16C	PR-S	RRPOD-16-00105			, ,, ,
6. ISSUED BY CODE			7. ADN	IINISTERED BY (If other than Item 6)	CODE		
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N Mail Code: 3805R	-						
Washington DC 20460	at according Charles and	7/D Code)	lοΔ	AMENDMENT OF COLICITATION NO			
8. NAME AND ADDRESS OF CONTRACTOR (No., stree INDUSTRIAL ECONOMICS, INCORF 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	17%	-	9B. × 10A EF	AMENDMENT OF SOLICITATION NO.  DATED (SEE ITEM 11)  . MODIFICATION OF CONTRACT/ORDER NO. $-W-12-013$ . DATED (SEE ITEM 13)	0.		
CODE 007977887	FACILITY COL	DE .	5.00	4/30/2012			
				ENTS OF SOLICITATIONS			
	OFFERS PRIOR er already submit l is received prior guired)  MODIFICATION O	TO THE HOUR AND DAT ted , such change may be to the opening hour and d F CONTRACTS/ORDERS	E SPE made ! late spe	CIFIED MAY RESULT IN REJECTION OF YOU by telegram or letter, provided each telegram o	UR OFFE r letter ma	R If by akes	
C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED I			MINISTRATIVE CHANGES (such as changes i OF FAR 43.103(b). 'Y OF:	n paying (	office,	
D. OTHER (Specify type of modification	*.*						
X B.6 Limitation of fr	unds noti	ce					
E. IMPORTANT: Contractor Sis not.  14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887	(Organized by U		uding s	olicitation/contract subject matter where feasib	le.)		
Critical Function - This ser		tract is for	Ecor	nomics and Risk Analysis	s Sta	ff (I	ERAS)
Analytical Support (EAS) Ser	rvices						
Max Expire Date: 04/29/2017 The purpose of this modificate accounting: 15-16-B-31M-3021 EP-W-12-013 to Option period plus fix fee at \$540,030.85 exceed the total approved contracting Officer.	A1-2585- d four (4 and fund	1531MRP024-00 ). The new to ing at \$20,00	1 Op tal	otion period three (3) approved ceilings are a The contractor is not a	under as fo uthor	cont llows ized	tract s: cost to
Continued							
Except as provided herein, all terms and conditions of t 15A. NAME AND TITLE OF SIGNER (Type or print)	he document refe	renced in Item 9 A or 10A	16A. I	etofore changed, remains unchanged and in fo NAME AND TITLE OF CONTRACTING OFFIC VID ROCQUE			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. U	INITED STATES OF AMERICA	.CCFRON	ec.	2. <b>DATE SIGNED</b> 3/16/2016
(Signature of person authorized to sign)				(Signature of Contracting Officer)		0	J/ TO/ ZOTO

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	LIST OF CHANGES:				
	Reason for Modification : Funding Only Action				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Obligated Amount for this modification:				
	-\$20,000.00				
	Incremental Funded Amount changed from				
	\$1,695,711.72 to \$1,675,711.72				
	CHANGES FOR ACCOUNTING CODE:				
	15-16-B-31M-302DA1-2585-1531MRP024-001				
	Amount changed from \$42,199.89 to \$22,199.89				
	Percent changed from 3.7138 to 1.1734				
	CHANGES FOR LINE ITEM NUMBER: 5				
	Obligated Amount for this modification: \$20,000.00				
	Incremental Funded Amount changed from \$0.00 to				
	\$20,000.00				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31M-302DA1-2585-1531MRP024-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31M				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531MRP024-001				
	Quantity: 0				
	-				
	Amount: \$20,000.00 Percent: 3.70349				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)		(D)	(E)	(F)
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2016 to 04/29/2017				
NON 7540 04 450					

AMENDMENT OF SOLICITATION/MODIFICA	ATION OF CONTRACT		1. CONTRACT ID CODE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. RE	 QUISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)
0071	See Block 16C	PR-	OLEM-16-00149		
6. ISSUED BY CODE	SRRPOD	7. AC	MINISTERED BY (If other than Item 6)	CODE	
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R Washington DC 20460	-			<u> </u>	
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code)	(,,) 94	A. AMENDMENT OF SOLICITATION NO.		
INDUSTRIAL ECONOMICS, INCORPO 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340		9E	B. DATED (SEE ITEM 11)  A. MODIFICATION OF CONTRACT/ORDER $P - W - 12 - 013$	R NO.	
CODE 007977887	FACILITY CODE		04/30/2012		
	11. THIS ITEM ONLY APPLIES				
☐ The above numbered solicitation is amended as set fo	A V / 1 C ON 10 A V A V A V A V A V A V A V A V A V A			ktended. 🗌 is r	not extended.
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF C virtue of this amendment you desire to change an offe reference to the solicitation and this amendment, and	to the solicitation and amendment OFFERS PRIOR TO THE HOUR AI r already submitted , such change is received prior to the opening hou	numbers. F ND DATE SP may be made	ECIFIED MAY RESULT IN REJECTION OF by telegram or letter, provided each telegran pecified.	TO BE RECEIVE YOUR OFFER. If m or letter makes	D AT by
12. ACCOUNTING AND APPROPRIATION DATA (If requise Schedule	uired)	Net Ind	crease:	\$219 <b>,</b> 996	.19
Statement of Comment Comment of the Statement of Comment of Commen	ODIEICATION OF CONTRACTS/O	DDEDE ITM	ODIFIES THE CONTRACT/ORDER NO. AS I	DESCRIBED IN F	TEM 44
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH  C. THIS SUPPLEMENTAL AGREEMENT  D. OTHER (Specify type of modification	Γ IS ENTERED INTO PURSUANT		OMINISTRATIVE CHANGES (such as change ( OF FAR 43.103(b). ITY OF:	es in paying office	9,
X B.6 Limitation of fu					
E. IMPORTANT: Contractor 🗵 is not.	is required to sign this docume	ent and return	copies to the issu	uing office	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (DUNS Number: 007977887	Organized by UCF section heading	gs, including	solicitation/contract subject matter where fea	asible.)	
Critical Function - This ser		ior Ecc	nomics and Risk Analys	sis Staff	(ERAS)
Analytical Support (EAS) Ser- Max Expire Date: 04/29/2017 This modification obligates: PR-OLEM-16-00149 to Option Potential Period Four (4) is \$239,996. Plus fix fee ceiling of \$540 contract without prior appro-	funding in the ame eriod Four (4). The 19. The contractor ,030.85 nor the fo	he New r is no unding	Total of Funds Obligated to exceed ceiling of \$239,996.19	ed to Op the tot	tion al cost
LIST OF CHANGES:					
Continued					
Except as provided herein, all terms and conditions of th	e document referenced in Item 9 A	or 10A. as h	eretofore changed, remains unchanged and i	in full force and e	ffect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16A.	NAME AND TITLE OF CONTRACTING OF lvid Rocque		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNI		UNITED STATES OF AMERICA		16C. DATE SIGNED
102. SONTINOTOROLL ENOR	IJO. DATE SIGNI		March 71 Kilon	EULOTRONIC	IQQ. DAIL GIGINED
(Signature of person authorized to sign)		_	(Signature of Contracting Officer)	SIGNATURE	05/02/2016
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 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

 EP-W-12-013/0071
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NAME OF OFFEROR OR CONTRACTOR

NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
$\mathcal{F}$	(B)	(C)	(D)	(E)	(F)
	Reason for Modification : Funding Only Action				
	CHANGES FOR LINE ITEM NUMBER: 5				
	Obligated Amount for this modification:				
	\$219,996.19				
	Incremental Funded Amount changed from \$20,000.00				
	to \$239,996.19				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31P-303DD2-2585-1631SFP010-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585  Job # (Site/Project) HQ00BM00				
	Cost Organization DCN-LineID 1631SFP010-001				
	Quantity: 0				
	Amount: \$59,996.19				
	Percent: 11.10977				
	Subject To Funding: N				
	Payment Address:				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31P-303DD2-2585-1631SFP010-003				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP010-003				
	Quantity: 0				
	Amount: \$45,000.00				
	Percent: 8.33286				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
)	(B)	(C)	(D)	(E)	(F)
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31P-303DD2-2585-1631SFP010-002				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP010-002				
	Quantity: 0				
	Amount: \$115,000.00				
	Percent: 21.29508				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Delivery Location Code: OLEM/ORCR				
	OLEM ORCR				
	One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2016 to 04/29/2017				
		1	1 I		

SERVICE SECRETARY OF SOLICITATION NO.  SERVICE RISES SELECTED A GROUP ATTICLE RECORD SECRETARY OF SOLICITATION NO.  SERVICE RISES SELECTED A GROUP AND A SECRETARY OF SOLICITATION NO.  SERVICE RISES SELECTED AND A CONTRACTOR RISE. THE CONTRACTOR RISES SELECTED AND A CONTRACTOR OF SOLICITATION NO.  SELECTED AND A CONTRACTOR RISES SELECTED AND A CONTRACTOR OF SOLICITATION NO.  SELECTED AND A CONTRACTO	AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT		CONTRACT ID CODE	PAG	E OF PAGES
### SERPOD   T. ADMINISTERED BY # show that form 8) CODE	2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	JISITION/PURCHASE REQ. NO.	5. PROJEC	CT NO. (If applicable)
SERVICE SECRETARY OF SOLICITATION NO.  SERVICE RISES SELECTED A GROUP ATTICLE RECORD SECRETARY OF SOLICITATION NO.  SERVICE RISES SELECTED A GROUP AND A SECRETARY OF SOLICITATION NO.  SERVICE RISES SELECTED AND A CONTRACTOR RISE. THE CONTRACTOR RISES SELECTED AND A CONTRACTOR OF SOLICITATION NO.  SELECTED AND A CONTRACTOR RISES SELECTED AND A CONTRACTOR OF SOLICITATION NO.  SELECTED AND A CONTRACTO	0072	See Bloo	ck 16C				
INDUSTRIAL ECONOMICS, INCORPORATED  2067 MASS AVE STE 4  2AMBRIDGE MA 021401340  X IDA MODIFICATION OF CONTRACTORDER NO.  EF-8-12-013  The above numbered collection is amended as set from in list 14. The four and date specified or no early of Others  (IDA MODIFICATION OF CONTRACTORDER NO.  EF-8-12-013  The above numbered collection is amended as set from in list 14. The four and date specified or no early of Others  (IDA MODIFICATION OF CONTRACTORDER NO.  EF-8-12-013  The above numbered collection is amended as set from in list 14. The four and date specified or ne extended. In the following members, the price of the same date	6. ISSUED BY CODE	+		7. ADN	IINISTERED BY (If other than Item 6)	CODE	
8. AMENDMENT AL ECONOMICS, INCORPORATED  2065 MASS AVE STE 4  2060 AVE STE 4	US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R	-				_	
INDUSTRIAL ECONOMICS, INCORPORATED  2067 MASS AVE STE 4  20MSRIDGE MA 021401340  2 IDA MODIFICATION OF CONTRACTORDER NO.  2F-97-12-013  200 IDA MODIFICATION OF CONTRACTORDER NO.  2F-97-12-013  200 IDA MODIFICATION OF CONTRACTORDER NO.  2F-97-12-013  201 IDA MODIFICATION OF CONTRACTORDER NO.  2F-97-12-013  2F-97-12-	and the second state of the second se		7/0.0/-)	lo <sub>A</sub>	AMENDMENT OF COLICITATION NO		
The above numbered solicitation is mended as set onto his hem 14. The hour and date specified for recipit of Others   list extended.   list not extended.   College must be recipited of the solicitation is a mended as set onto his mend.   he must not date specified in the solicitation or as smended.   he mended the foreign of Others   list extended.   list not extended.   College must be recipited of Others   list extended   list not extended.   list not extended   list not extended.	INDUSTRIAL ECONOMICS, INCORP 2067 MASS AVE STE 4		, (	9B. × 10A E.F	DATED (SEE ITEM 11)  . MODIFICATION OF CONTRACT/ORDER NO -W-12-013	D.	
The BOVEN NUMBER PROCESSION TO BOTHER COURT OF CONTRACTORDERS IN THE MONEY APPLIES TO AMENOMENTS OF SOLICITATIONS   Is extended.   Is not extended to the property of the property	CODE	TEACH ITY COP			A PRINCE IN THE PART OF THE		
□The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers □Is extended. □Is not extended. ○Iffers must acknowledge socipt of this amendment prior to the hour and date specified for receipt of Offers □Is amendment on achieving thems 3 and 15, and returning □Is and □Is an	007977887						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office. appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF.  D. OTHER (Specify type of modification and authority)  X G.5 Indirect Costs FAR 52.216-7 & EPAAR 1552.242-70  E. IMPORTANT: Contractor [Sis not.] is required to sign this document and return copies to the issuing office.  14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  DUINS Number: 007977887  Critical Function - This service contract is for Economics and Risk Analysis Staff (ERAS)  Analytical Support (EAS) Services  Max Expire Date: 04/29/2017  The purpose of this modification is to modify Clause G.5 Indirect Costs. Per the Indirect  Cost Rate Agreements dated April 27th, 2016, Final Indirect Cost Rates have been submitted for this contract and updated as shown in Attachment 1 to this modification. Vouchers adjusting the difference between billed indirect costs and negotiated indirect costs shall be submitted within 60 days of the effective date of the negotiated cost rate agreements.  Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as herefolore changed, remains unchanged and in full force and effect.  Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as herefolore changed, remains unchanged and in full force and effect.  Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as herefolore changed, remains unchanged and in full force and effect.  Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10	Items 8 and 15, and returning co separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offer reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (If req	pies of the ameno e to the solicitation OFFERS PRIOR er already submitt is received prior	dment; (b) By acknowledg n and amendment number TO THE HOUR AND DAT ed , such change may be	ing rec rs. FA E SPE made t	eipt of this amendment on each copy of the off ILURE OF YOUR ACKNOWLEDGEMENT TO CIFIED MAY RESULT IN REJECTION OF YOU by telegram or letter, provided each telegram o	er submitted BE RECEIV JR OFFER	l ; or (c) By ED AT If by
E.IMPORTANT: Contractor	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTI	CT/ORDER IS MO H IN ITEM 14, PU	ODIFIED TO REFLECT THE RUTH	HE ADN ORITY	MINISTRATIVE CHANGES (such as changes li OF FAR 43.103(b).		
E.IMPORTANT: Contractor	D. OTHER (Specify type of modification	and authority)					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  DUNS Number: 007977887  Critical Function - This service contract is for Economics and Risk Analysis Staff (ERAS)  Analytical Support (EAS) Services  Max Expire Date: 04/29/2017  The purpose of this modification is to modify Clause G.5 Indirect Costs. Per the Indirect  Cost Rate Agreements dated April 27th, 2016, Final Indirect Cost Rates have been submitted  for this contract and updated as shown in Attachment 1 to this modification. Vouchers  adjusting the difference between billed indirect costs and negotiated indirect costs shall  be submitted within 60 days of the effective date of the negotiated cost rate agreements.  Continued  Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  15A. NAME AND TITLE OF SIGNER (Type or print)  Eulvid Rocque  15B. CONTRACTOR/OFFEROR  15C. DATE SIGNED  16B. UNITED STATES OF AMERICA  SIGNATURE OF 5/10/2	X G.5 Indirect Costs F	FAR 52.21	6-7 & EPAAR 1	552	.242-70		
Critical Function - This service contract is for Economics and Risk Analysis Staff (ERAS) Analytical Support (EAS) Services Max Expire Date: 04/29/2017 The purpose of this modification is to modify Clause G.5 Indirect Costs. Per the Indirect Cost Rate Agreements dated April 27th, 2016, Final Indirect Cost Rates have been submitted for this contract and updated as shown in Attachment 1 to this modification. Vouchers adjusting the difference between billed indirect costs and negotiated indirect costs shall be submitted within 60 days of the effective date of the negotiated cost rate agreements.  Continued  Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  15A. NAME AND TITLE OF SIGNER (Type or print)  Eulvid Rocque  15B. CONTRACTOR/OFFEROR  15C. DATE SIGNED  16B. UNITED STATES OF AMERICA  CONTINUED STATES OF AMERICA	E. IMPORTANT: Contractor X is not.	is required to	o sign this document and	return	copies to the issuing	office.	
Max Expire Date: 04/29/2017  The purpose of this modification is to modify Clause G.5 Indirect Costs. Per the Indirect Cost Rate Agreements dated April 27th, 2016, Final Indirect Cost Rates have been submitted for this contract and updated as shown in Attachment 1 to this modification. Vouchers adjusting the difference between billed indirect costs and negotiated indirect costs shall be submitted within 60 days of the effective date of the negotiated cost rate agreements.  Continued  Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  15A. NAME AND TITLE OF SIGNER (Type or print)  Eulvid Rocque  15B. CONTRACTOR/OFFEROR  15C. DATE SIGNED  16B. UNITED STATES OF AMERICA  CONTRACTOR/OFFEROR  16C. DATE SIGNATURE  16C. DAT	DUNS Number: 007977887 Critical Function - This ser	vice con	um 21 Octobridania Octobriosca III - 240 Samuello		machinishpartning (get)(migade intriger trivial €appendiculatificate) (pintig 9-4) (n separatisheren		f (ERAS)
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  15A. NAME AND TITLE OF SIGNER (Type or print)  Eulvid Rocque  15B. CONTRACTOR/OFFEROR  15C. DATE SIGNED  16B. UNITED STATES OF AMERICA  (Time of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  Eulvid Rocque  15B. UNITED STATES OF AMERICA  (Time of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  Eulvid Rocque  15B. UNITED STATES OF AMERICA  (Time of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.	Max Expire Date: 04/29/2017 The purpose of this modifica Cost Rate Agreements dated A for this contract and update adjusting the difference bet	ation is to pril 27th do as shown ween bill	n, 2016, Fina wn in Attachm led indirect	l Ir ent cost	ndirect Cost Rates have 1 to this modification as and negotiated indire	been . Vouc ect co	submitted hers sts shall
15B. CONTRACTOR/OFFEROR  15C. DATE SIGNED  16B. UNITED STATES OF AMERICA  16C. DATE SIGNED  15D. DATE SIGNED  16D. UNITED STATES OF AMERICA  16C. DATE SIGNED  05/10/2	Except as provided herein, all terms and conditions of the	ne document refe	renced in Item 9 A or 10A	16A. N	IAME AND TITLE OF CONTRACTING OFFIC		
	15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. U	INITED STATES OF AMERICA		
(Signature of person authorized to sign) (Signature of Contracting Officer)	(Signature of person authorized to sign)			-	(Signature of Contracting Officer)	IGNATURE	05/10/2016

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NAME OF OFFEROR OR CONTRACTOR

EM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
\/	Payment:	+ (5)	(2)	\'_'	(1)
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center				
	Mail Drop D143-02				
	109 TW Alexander Drive				
	Durham NC 27711				
	Period of Performance: 04/30/2016 to 04/29/2017				
	101104 01 101101				

AMENDMENT OF SOLICITATION/MODIFICA	ONTRACT		1. CONTRACT ID CODE	PAC	PAGE OF PAGES		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. F	REQUISITION/PURCHASE REQ. NO.	5. PROJE	CT NO. (If applicable)	
0073	See Bloo			e Schedule	0.111002	or me. (iii applicable)	
6. ISSUED BY CODE	SRRPOD	CK 100	7	ADMINISTERED BY (If other than Item 6)	CODE		
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R	Agency						
Washington DC 20460			_				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, INDUSTRIAL ECONOMICS, INCORPORT 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340			(x) x	9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO.  EP-W-12-013  10B. DATED (SEE ITEM 13)	0.		
CODE 007977887	FACILITY COL	DE		04/30/2012			
	11. THIS ITI	 EM ONLY APPLIES TO AM	MEN	IDMENTS OF SOLICITATIONS			
CHECK ONE A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	is received prior uired)  ODIFICATION O  PURSUANT TO:	to the opening hour and on Net  F CONTRACTS/ORDERS  (Specify authority) THE (	I: S. IT	specified.  norease: \$6  MODIFIES THE CONTRACT/ORDER NO. AS DES	SCRIBED IN	1 . 64 N ITEM 14.	
appropriation date, etc.) SET FORTH  C. THIS SUPPLEMENTAL AGREEMEN				ADMINISTRATIVE CHANGES (such as changes i ITY OF FAR 43.103(b). DRITY OF:			
D. OTHER (Specify type of modification	.,	- 1 -	_	1 1 2 1 2 1 1			
·	25.34			lause and Corrective Acti			
E.IMPORTANT: Contractor Sis not.  14. DESCRIPTION OF AMENDMENT/MODIFICATION ( DUNS Number: 007977887  Critical Function - This ser  Analytical Support (EAS) Ser	Organized by U		ludir	ng solicitation/contract subject matter where feasib	le.)	f (ERAS)	
Max Expire Date: 04/29/2017							
The purpose of this modifica 1) Due to an accounting error to incrementally fund modifi (4), this modification 73 is 71. The obligation recorded as the official record to co	having cation n issued via modi	duplicate lin umber 71 for to correct th fication 71 w	Co nat	ontract EP-W-12-013 option cobligation error on mod	n peri ificat	od four ion number	
Continued							
Except as provided herein, all terms and conditions of th	e document refe	renced in Item 9 A or 10A	۸. as	s heretofore changed, remains unchanged and in f	ull force and	d effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)			16	SA. NAME AND TITLE OF CONTRACTING OFFICE ulvid Rocque			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	$\bot$	SB. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)			-	(Signature of Contracting Officer)			

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY	10 14	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	2) This modification also exercise four (4) Option				
	Quantity in Option Period Four (4)				
	One (1) Option Quantity equals: (Hours=1,000				
	Dollars \$104,450.37 (Cost (b)(4) Fix Fee(b)(4)				
	53 V 55 V				
	Four (4) Option Quantity exercised equals: (Hours=4,000 Dollars \$417,801.48)				
	(Cost(b)(4) Fix Fee(b)(4)				
	The New Cost plus Fixed Fee Ceiling for Option	4			
	Period Four (4) is \$957,832.33 (Cost (b)(4)	4			
	(b)(4) Fix Fee(b)(4)	1			
	3) Funding is also being obligated to Contract				
	EP-W-12-013 option period four (4) in the amount				
	of \$851,827.83				
	Total Funds Obligated ceiling for Option Period				
	Four (4) is \$871,827.83 and the New Cost plus				
	Fixed Fee Ceiling for Option Period Four (4) is				
	\$95 <mark>7,832.33 (Cost(b)(4) Fix</mark>				
	Fee (b)(4)				
	The contractor is not authorized to exceed the				
	total cost plus fix fee and funding ceiling of				
	this contract without prior approval by the				
	Contracting Officer.				
	CHANGES FOR LINE ITEM NUMBER: 5				
	Total Amount changed				
	from \$540,030.85 to \$957,832.33				
	Obligated Amount for this modification:				
	\$631,831.64				
	Incremental Funded Amount changed from				
	\$239,996.19 to \$871,827.83				
	CHANGES FOR DELIVERY LOCATION: OLEM/ORCR				
	Amount changed from \$540,030.85 to \$957,832.33				
	CHANGES FOR ACCOUNTING CORE				
	CHANGES FOR ACCOUNTING CODE: 16-T-31P-303DD2-2585-1631SFP010-001				
	Percent changed from 11.10977 to 6.26375				
	referre changed from 11.109// to 6.263/3				
	CHANGES FOR ACCOUNTING CODE:				
	16-T-31P-303DD2-2585-HQ00BM00-1631SFP010-002				
	Amount changed from \$115,000.00 to \$0.00				
	Percent changed from 21.29508 to 0				
	CHANGES FOR ACCOUNTING CODE:				
	16-T-31P-303DD2-2585-1631SFP010-003				
	Amount changed from \$45,000.00 to \$0.00				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Percent changed from 8.33286 to 0				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31H-302DA1-2585-1631HMP009-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31H				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631HMP009-001				
	Quantity: 0				
	Amount: \$75,000.00				
	Percent: 7.83018				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-C-26R9000-301FK8XPW-2532-26A4C-1526R9C003-00				
	2				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) C				
	Budget Organization 26R9000				
	Program (PRC) 301FK8XPW				
	Budget (BOC) 2532				
	Job # (Site/Project)				
	Cost Organization 26A4C				
	DCN-LineID 1526R9C003-002				
	Quantity: 0				
	Amount: \$15,000.00				
	Percent: 1.56604				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-C-26R9000-401F84-2532-26A4C-1526R9C003-003				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) C				
	Budget Organization 26R9000				
	Program (PRC) 401F84				
	Budget (BOC) 2532				
	Job # (Site/Project)				
	Cost Organization 26A4C				
	DCN-LineID 1526R9C003-003				
	Quantity: 0				
	Amount: \$5,731.00				
	Percent: .59833				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31P-303DD2-2585-1631SFP013-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP013-001				
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
	Quantity: 0				
	Amount: \$30,707.47				
	Percent: 3.20593				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED				
	NEW ACCOUNTING CODE ADDED: Account code:				
	physician (etc. 11) (1004) 244(11) 21 (120 E. (X				
	16-T-31P-303DD2-2585-HQ00BM00-1631SFP012-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31P				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP012-001				
	Quantity: 0				
	Amount: \$59,916.22				
	Percent: 6.2554				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31H-302DA1-2585-1631HMP006-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31H				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631HMP006-001				
	Quantity: 0				
	Amount: \$25,000.00				
	Percent: 2.61006				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31C-303DD2-2585-1631SFP014-001				
	Beginning FiscalYear 16 Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31C				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP014-001				
	Quantity: 0				
	Amount: \$115,000.00				
	Percent: 12.00628				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-T-31H-303DD2-2585-1631SFP015-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31H				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP015-001				
	Quantity: 0				
	Amount: \$157,924.43				
	Percent: 16.48769				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
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NAME OF OFFEROR OR CONTRACTOR

M NO.	SUPPLIES/SERVICES	QUANTITY	0 1	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Durham NC 27711	1			
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-31H-303DD2-2585-1631SFP015-002				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization 31H				
	Program (PRC) 303DD2				
	Budget (BOC) 2585				
	Job # (Site/Project) HQ00BM00				
	Cost Organization				
	DCN-LineID 1631SFP015-002				
	Quantity: 0				
	Amount: \$24,448.52				
	Percent: 2.55248				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-C-26R9000-301FK8-2532-26A4C-1526R9C003-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) C				
	Budget Organization 26R9000				
	Program (PRC) 301FK8				
	Budget (BOC) 2532				
	Job # (Site/Project)				
	Cost Organization 26A4C				
	DCN-LineID 1526R9C003-001				
	Quantity: 0				
	Amount: \$283,104.00				
	Percent: 29.55674				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	254-74-75-75-74-75-74-75-74-75-74-75-74-75-74-75-74-75-75-75-75-75-75-75-75-75-75-75-75-75-				
	www2.epa.gov/financial/contracts				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

	(E) (F)
Durham NC 27711	
CHANGES FOR LINE ITEM NUMBER: 24	
Quantity changed from 5000 to 9000	
CHANGES FOR LINE ITEM NUMBER: 25	
Quantity changed from 20000 to 16000	
Quantity Changed 110M 20000 to 10000	
Payment:	
RTP Finance Center	
US Environmental Protection Agency	
RTP-Finance Center (AA216-01)	
109 TW Alexander Drive	
www2.epa.gov/financial/contracts	
Durham NC 27711	
FOB: Destination	
Period of Performance: 04/30/2016 to 04/29/2017	
NON-75-40 OA 450 DOC7	ODTIONAL FORM 900 (4 00)

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	I. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0074	See Bloo	ck 16C	R-SRRPOD-16-00199	
6. ISSUED BY CODE	SRRPOD	- 3	7. ADMINISTERED BY (If other than Item 6)	CODE
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N. Mail Code: 3805R Washington DC 20460	3 2			
8. NAME AND ADDRESS OF CONTRACTOR (No., stree	, county, State and	ZIP Code)	9A. AMENDMENT OF SOLICITATION NO.	
INDUSTRIAL ECONOMICS, INCORP 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340	ORATED		9B. DATED (SEE ITEM 11)	√O.
CODE 007977887	FACILITY COL	DE	04/30/2012	
	11, THIS IT	EM ONLY APPLIES TO AM	ENDMENTS OF SOLICITATIONS	
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offererence to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (If reg. See Schedule	OFFERS PRIOR or already submit or received prior uired)	TO THE HOUR AND DAT ted , such change may be to the opening hour and d	E SPECIFIED MAY RESULT IN REJECTION OF YO made by telegram or letter, provided each telegram ate specified.	OUR OFFER If by or letter makes
			IT MODIFIES THE CONTRACT/ORDER NO. AS DE	
			HANGES SET FORTH IN ITEM 14 ARE MADE IN T	
appropriation date, etc.) SET FORTI			IE ADMINISTRATIVE CHANGES (such as changes DRITY OF FAR 43.103(b). HORITY OF:	иг раунту описе,
D. OTHER (Specify type of modification	***			
X   B.6 Limitation of fu	ınds noti	ce and Orderi	ng Clause	
E. IMPORTANT: Contractor X is not.	is required t	to sign this document and i	eturn copies to the issuir	g office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887	(Organized by U	CF section headings, inclu	ding solicitation/contract subject matter where feasi	ble.)
Critical Function - This ser	vice con	tract is for	Economics and Risk Analysi	s Staff (ERAS)
Analytical Support (EAS) Ser	vices			
Max Expire Date: 04/29/2017				
The purpose of this modifica			6 6.11 6.1	
1) The purpose of this modi			<u> </u>	₩
option period three (3) to c *15-16-B-31H-302DA1-2585-153	_			W-12-013.
*15-16-B-31H-302DA1-2585-153				
*16-TR2B-10Q0X44-303DD2-2505				\$33.518.31
*16-17-B-31M-302DA2-2585-163				1-3/0-0-0-
Continued			12,10,0,00	
Except as provided herein, all terms and conditions of the	e document refe	erenced in Item 9 A or 10A.	as heretofore changed, remains unchanged and in	full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFI	
			Eulvid Rocque	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
				LLETRONIC SIGNATURE 07/11/2016
(Signature of person authorized to sign)			(Signature of Contracting Officer)	

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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	*16-17-B-31C-302DA1-2585-1631CPP006-001 in the				
	amount of \$30,088.25				
	Total of funding shift from option period three				
	(3) to option period (4) is \$ 119,903.43. The new				
	funding ceiling is \$991,731.26 (Cost (b)(4)				
	(b)(4) Fix Fee (b)(4)	1			
	2) This modification also exercise two (2) Option				
	Quantity in Option Period Four (4)				
	One (1) Option Quantity equals: (Hours=1,000				
	Dollars \$104,450.37 (Cost (b)(4)				
	Fee (b)(4)				
	Two (2) Option Quantity exercised equals:				
	(Hours=2,000 Dollars \$208,900.74)				
	(Cost(b)(4) Fix Fee(b)(4)				
	The New Cost plus Fixed Fee Ceiling for Option				
	Period Four (4) is \$1,166,733.07 (Cost (b)(4)				
	[(b)(4) Fix Fee (b)(4)				
	LIST OF CHANGES:				
	CHANGES FOR LINE ITEM NUMBER: 4				
	Obligated Amount for this modification:				
	-\$119,903.43				
	Incremental Funded Amount changed from				
	\$1,675,711.72 to \$1,555,808.29				
	1,073,711.72 00 41,333,000.23				
	CHANGES FOR ACCOUNTING CODE:				
	15-16-B-31H-302DA1-2585-1531HMP021-001				
	Amount changed from \$130,000.00 to \$126,489.78				
	Percent changed from 11.44065 to 6.68577				
	CHANGES FOR ACCOUNTING CODE:				
	15-16-B-31H-302DA1-2585-1531HMP017-001				
	Amount changed from \$50,000.00 to \$42,589.40				
	Percent changed from 4.40025 to 2.25112				
	CHANGES FOR ACCOUNTING CODE:				
	16-TR2B-10Q0X44-303DD2-2505-C001-1610QMC005-001				
	Amount changed from \$50,124.00 to \$16,605.69				
	Percent changed from 3.47724 to .87771				
	CHANGES FOR ACCOUNTING CODE:				
	16-17-B-31M-302DA2-2585-1631MRP010-001				
	Amount changed from \$45,932.88 to \$556.83				
	Percent changed from 2.62973 to .02943				
	CHANGES FOR ACCOUNTING CORE				
	CHANGES FOR ACCOUNTING CODE:				
	16-17-B-31C-302DA1-2585-1631CPP006-001				
	Amount changed from \$56,655.03 to \$26,566.78				
	Continued				
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NAME OF OFFEROR OR CONTRACTOR

M NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	Percent changed from 2.99457 to 1.40422				
	CHANGES FOR LINE ITEM NUMBER: 5				
	Total Amount changed				
	from \$957,832.33 to \$1,166,733.07				
	Obligated Amount for this modification:				
	\$119,903.43				
	Incremental Funded Amount changed from				
	\$871,827.83 to \$991,731.26				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31H-302DA1-2585-1531HMP021-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31H				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531HMP021-001				
	Quantity: 0				
	Amount: \$3,510.22				
	Percent: .36648				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	The administration of the first				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31H-302DA1-2585-1531HMP017-001				
	Beginning FiscalYear 15 Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31H				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1531HMP017-001				
	Quantity: 0				
	Amount: \$7,410.60				
	Percent: .77368				
	Continued				
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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-TR2B-10Q0X44-303DD2-2505-1044BD01-C001-1610QMC0				
	05-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) TR2B				
	Budget Organization 10Q0X44				
	Program (PRC) 303DD2				
	Budget (BOC) 2505				
	Job # (Site/Project) 1044BD01				
	Cost Organization C001				
	DCN-LineID 1610QMC005-001				
	4009				
	Quantity: 0				
	Amount: \$33,518.31				
	Percent: 3.49939				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31M-302DA2-2585-1631MRP010-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31M				
	Program (PRC) 302DA2				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631MRP010-001				
	Quantity: 0				
	Amount: \$45,376.05				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Percent: 4.73737		П		
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Duritant NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-17-B-31C-302DA1-2585-1631CPP006-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year 17				
	Fund (Appropriation) B				
	Budget Organization 31C				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631CPP006-001				
	Quantity: 0				
	Amount: \$30,088.25				
	Percent: 3.14129				
	Pro Appetrus attributes of the Control of the Contr				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	CHANGES FOR LINE ITEM NUMBER: 24				
	Quantity changed from 9000 to 11000				
	CHANGES FOR LINE ITEM NUMBER: 15				
	Total Amount changed				
	from \$1,467,746.54 to \$1,258,845.80				
	Continued				
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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)		(D)	(E)	(F)
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	FOB: Destination				
	Period of Performance: 04/30/2016 to 04/29/2017				
NCN 75 40 04 45					ODTIONAL FORMACO (4 CO)

AMENDMENT OF SOLICITATION/MODIFIC	ONTRACT		CONTRACT ID CODE		PAGE OF	Î.	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PR	U OJECT NO	3 o. (If applicable)
0075	See Bloo	ck 16C	See	Schedule			
6. ISSUED BY CODE	SRRPOD		7. ADN	INISTERED BY (If other than Item 6)	CODE		
SRRPOD US Environmental Protection Ariel Rios Building 1200 Pennsylvania Avenue, N Mail Code: 3805R	J 1						
Washington DC 20460		7/0.0-4-1	loa	AMENDMENT OF COLUCTATION NO			
8. NAME AND ADDRESS OF CONTRACTOR (No., stree INDUSTRIAL ECONOMICS, INCORF 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340		, (	9B. × 10A EF	AMENDMENT OF SOLICITATION NO.  DATED (SEE ITEM 11)  . MODIFICATION OF CONTRACT/ORDER NOW-12-013  . DATED (SEE ITEM 13)	D.		
CODE 007977887	FACILITY COL	DE	0.	4/30/2012			
	11. THIS IT	EM ONLY APPLIES TO AN	VENDM	ENTS OF SOLICITATIONS			
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off reference to the solicitation and this amendment, and	pies of the amen e to the solicitatio OFFERS PRIOR er already submit is received prior	dment; (b) By acknowledgen and amendment number TO THE HOUR AND DAT ted, such change may be to the opening hour and d	ging recers. FA FE SPE made late spe	eipt of this amendment on each copy of the off ILURE OF YOUR ACKNOWLEDGEMENT TO CIFIED MAY RESULT IN REJECTION OF YOU by telegram or letter, provided each telegram o cified.	er subn BE RE JR OFF r letter	mitted ; or (o CEIVED AT FER. If by makes	c) By
12. ACCOUNTING AND APPROPRIATION DATA (If red See Schedule	uirea)	Net	Inc	rease: \$4	6,5	51.32	
Symptotic Common Approximation of the Symptotic Common Com	ODIFICATION O	F CONTRACTS/ORDERS	. IT MC	DIFIES THE CONTRACT/ORDER NO. AS DES	CRIBE	D IN ITEM	14.
CHECK ONE A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	PURSUANT TO:	(Specify authority) THE (	CHANG	ES SET FORTH IN ITEM 14 ARE MADE IN TH	HE CON	NTRACT	
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT  C. THIS SUPPLEMENTAL AGREEMEN				MINISTRATIVE CHANGES (such as changes in OF FAR 43.103(b). "Y OF:	n payin	g office,	
D. OTHER (Specify type of modification  X B.6 Limitation of for	***	30					
	<u>10-10</u>		roturn	copies to the issuince	offico		
E. IMPORTANT: Contractor Sis not.  14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 007977887		to sign this document and ICF section headings, inclu		copies to the issuing copies to the issuing colicitation/contract subject matter where feasible	9		
Critical Function - This ser Analytical Support (EAS) Ser Max Expire Date: 04/29/2017 Funding is also being obligate amount of \$46,551.32. Total Funds Obligated ceiling (Cost (b)(4) Fix	ted to C  g for Op  ee (b)(4)  ,166,733  ized to  or appro-	ontract EP-W-  tion Period F and .07 (Cost(b)( exceed the to	our the (4)	013 option period four  (4) is \$1,038,282.58  New Cost plus Fixed Fee  Fix Fee(b)  cost plus fix fee and secting Officer.	(4) <u>e Ce</u> (4)  fund	in the	e for eiling
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. U	vid Rocque INITED STATES OF AMERICA	.core		C. DATE SIGNED
(Signature of person authorized to sign)			- /		IG NAT		7/11/2016

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

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NAME OF OFFEROR OR CONTRACTOR

EM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	LIST OF CHANGES:				
	Reason for Modification : Funding Only Action				
	CHANGES FOR LINE ITEM NUMBER: 5				
	Obligated Amount for this modification: \$46,551.32				
	Incremental Funded Amount changed from				
	\$991,731.26 to \$1,038,282.58				
	, , , , , , , , , , , , , , , , , , , ,				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-T-E4E-501EC7-2505-16E4EAS015-001				
	Beginning FiscalYear 16				
	Ending Fiscal Year				
	Fund (Appropriation) T				
	Budget Organization E4E				
	Program (PRC) 501EC7				
	Budget (BOC) 2505				
	Job # (Site/Project) HQ00GE00				
	Cost Organization				
	DCN-LineID 16E4EAS015-001				
	Quantity: 0				
	Amount: \$16,551.32				
	Percent: 1.4186				
	Subject To Funding: N				
	Payment Address:				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	15-16-B-31M-302DA1-2585-1631HMP011-001				
	Beginning FiscalYear 15				
	Ending Fiscal Year 16				
	Fund (Appropriation) B				
	Budget Organization 31M				
	Program (PRC) 302DA1				
	Budget (BOC) 2585				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1631HMP011-001				
	Quantity: 0				
	Amount: \$30,000.00				
	Percent: 2.57128				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	Continued				
	concinued				
		1	ıl		

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 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

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 3
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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)		(D)		(F)
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Delivery Location Code: OLEM/ORCR				
	OLEM ORCR One Potomac Yard				
	2777 S Crystal Drive				
	Crystal City VA 22202-3553				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711 FOB: Destination				
	Period of Performance: 04/30/2016 to 04/29/2017				
	Tellod of Tellolmanee: 04/30/2010 to 04/25/2017				
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